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COMMUNITY FACILITIES PLAN AND CAPITAL IMPROVEMENTS BUDGET


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MOREHEAD CITY, NORTH CAROLINA

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CAPITAL IMPROVEMENTS BUDGET



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MOREHEAD CITY, NORTH CAROLINA

COMMUNITY FACILITIES PLAN AND CAPITAL IMPROVEMENTS BUDGET

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COMMUNITY FACILITIES PLAN



INTRODUCTION

Morehead City, the largest town in Carteret County, has a population of 5,233 people. The town, located on a peninsula with Calico Creek to the north, Newport River to the East, and Bogue Sound to the South, is linear in shape. Carteret County and especially Morehead City are known for tourism and recreational facilities. As the largest town within the County, Morehead City has developed into the trading center of Carteret County.

A population decrease of 350 people or 6.3 percent loss occurred between 1960 and 1970. A major reason for this loss was the migration of people from the town limits to the fringe area. In order to retrieve this lost population and to continue a progressive policy of growth the town has under consideration the annexation of portions of this built up area. Morehead City has recognized the need for comprehensive planning for the future. The Community Facilities Plan is designed to help Morehead City in knowing exactly what facilities are available now, what condition these facilities are in, and what facilities will be needed in the near future to better serve the citizens of Morehead City.

The Community Facilities Plan is another step in the comprehensive planning program initiated in 1968 with the formation of the Morehead City Planning Board. The Planning Board with technical assistance from the Department of Community Services, has already completed the following studies and plans:

Base Mapping	1968
Population and Economy	1969
Land Use Survey & Analysis	1969
Land Development Plan	1970
Annexation Study	1971
Zoning Ordinance	1972
Subdivision Regulations	1972

These plans are significant beginning steps in building a comprehensive planning program that will guide the future growth and development of Morehead City. Plans do not alone solve problems, however; implementation is vital to the success of a town in solving its problems and creating a better environment. Implementation will be achieved only through a concerned and active Planning Board, town government, and informed and interested citizenry.

In the course of this study the following areas, that are of vital concern to the citizens of this locality, will be evaluated:

- I. Municipal Building
- II. Public Safety
 - a. Police
 - b. Fire
 - c. Rescue
- III. Utilities
 - a. Water
 - b. Sewer
 - c. Streets
 - d. Storm Drainage
 - e. Refuse Collection
- IV. Education and Recreation
 - a. Schools
 - b. Library
 - c. Recreation
- V. Health and Welfare
 - a. Medical
 - b. Cemeteries

The purpose of this Community Facilities Plan is:

1. To survey the existing community facilities in regard to their quality and quantity.
2. To compare these facilities with minimum national, state, and local standards.
3. To list policies on various phases of community facilities where policies have been established.
4. To focus the government, civic leaders, and citizen's attention to existing deficiencies and to those that might be anticipated due to growth and change.
5. To make worthwhile recommendations that will help solve those problems and deficiencies already existing and help prevent ones in the future.
6. To aid local leaders in developing a coordinated comprehensive plan that will allow all departments and government agencies to work meaningfully together.

Methodology

The methodology used in preparing this study has been first, the collection of data by questionnaire, personal interview, and various reports and studies concerning Morehead City. Second, the data was compiled and compared to various national, state, and local standards to see how Morehead City compared to the standards. Third, recommendations were then made based on this analysis.

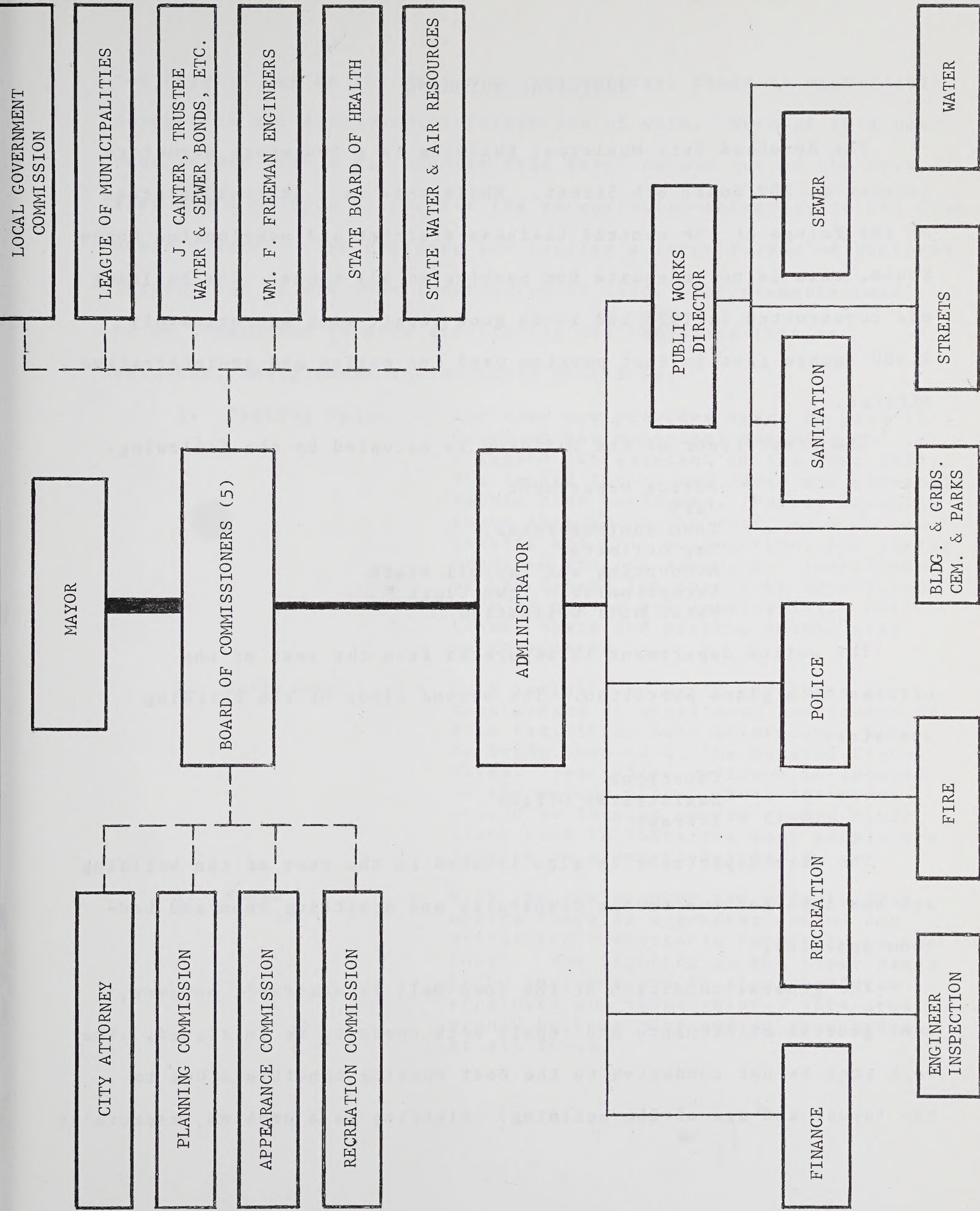
The Community Facilities Plan is based upon the needs of the present population plus the needs of the projected population over a twenty-year period. The past population growth in Morehead City has been as follows:

<u>1930</u>	to	<u>1940</u>	<u>Increase</u>
3483		3695	6%
<u>1940</u>	to	<u>1950</u>	<u>Increase</u>
3695		5144	39%
<u>1950</u>	to	<u>1960</u>	<u>Increase</u>
5144		5583	9%
<u>1960</u>	to	<u>1970</u>	<u>Decrease</u>
5583		5233	-6.3%

This decline in population during the 1960's can be explained in the migration of people from the city limits of Morehead City to the fringe area. During the same period of the 1960's Carteret County had an increase of 15.2% from 27,438 people in 1960 to 31,603 people in 1970.¹ This decline in population will be adjusted with a progressive annexation policy and with the growing interest in recreation and tourism. The projected population of Morehead City, based on the results of the Population and Economy Study completed for Morehead City and the arithmetic projection method, will be as follows:

1980	6,000
1990	7,100
2000	8,000

¹Morehead City Township had a population of 10,054 in 1960 and a population of 11,929 in 1970 for a gain of 18.6%. 1970 Census of Population.



MUNICIPAL BUILDING

The Morehead City Municipal Building is a two story structure located at 202 South 8th Street. While this is a central location on the fringe of the central business district and overlooking Bogue Sound, this is not adequate for parking at all times. The building was constructed in 1926 and is in good repair with approximately 4,500 square feet in that portion used for police and administrative offices.

The first floor of the building is occupied by the following:

- Police Department
- Jail
- Town Administrator
- Tax Collector
- Accounting and Payroll Staff
- Receptionist - Town Clerk
- Water Bill Collection

The police department is separated from the rest of the offices by a glass partition. The second floor of the building contains:

- Courtroom
- Magistrates Office
- Storage

The fire department is also located in the rear of the building and has bays for two trucks downstairs and a sitting room and bedroom upstairs.

The general condition of the Town Hall is standard, however, some general maintenance and repair work needs to be initiated. The work area is not conducive to the best working conditions due to the layout and age of the building. Lighting is a problem, especially

the foyer. Due to the design of the offices, there is unavoidable congestion and subsequent interruption of work. Much of this has been solved with a pay counter that keeps people out of the work area and a private office for the receptionist-secretary to the Town Administrator. The building now handles a large volume of business, larger than it did when constructed in 1926. Improvements need to be considered to more efficiently use the space that is existent, among these improvements should be:

1. Parking Space - The town now provides space to park in front of the Municipal Building and in a leased lot adjacent to the Town Hall. The leased lot is not paved and primarily serves town employees. During certain times throughout the year, such as tax listing and bill paying time, the spaces provided are not adequate. Improvement of the leased lot should be considered such as paving and landscaping. Additional space for parking should also be considered.
2. Restrooms - Both ladies' and men's restrooms are substandard in appearance and condition. Both facilities need maintenance work to bring them up to the housing standards. The ladies' restroom is located on the second floor. Both restrooms should be located on the ground floor since this is where the most people are located on a day-to-day basis.
3. Foyer - With the new counter and receptionist office there is a greater demand for attractive comfortable furniture in the foyer. The lighting in the foyer needs to be improved and it also should be repainted and redecorated. This area should be kept neat and in good order at all times.

4. Courtroom

- The courtroom located on the second floor is in need of repair due to lack of paint, poor lighting, and structure deterioration. In order to make this room more serviceable to the citizens of Morehead City, one of the two alternatives listed below should be initiated:

- a. The courtroom be divided roughly in half. One half would still serve as a courtroom, while the remaining half could be converted into a conference room for Town Board meetings, Planning Board meetings, etc. This would give Morehead City a conference room with a better atmosphere for its meetings and provide a better appearance to the general public.
- b. Another approach would be to lower the ceiling of the courtroom, repaint or panel the walls, and provide better seats. Across the front construct a raised platform in which would be placed a conference table and chairs for the Mayor and Town Board members. This would allow the Board to see those people; conversely the general public would be provided a view of the Town Board. A speaking podium should also be provided.

Regardless of the choice, the room should be air conditioned and a public address system installed. The latter would be of particular importance if the second alternative is initiated.

PUBLIC SAFETY



POLICE DEPARTMENT

The Morehead City Police Department was organized in 1903 and has provided police protection since that date. The police department and jail are located on the first floor of the Municipal Building.

Personnel and Equipment

The Morehead City Police Department is composed of thirteen full-time employees including the chief. The personnel consist of:

- 3 radio dispatchers
- 1 meter maid
- 9 patrolmen, including the chief

The department has a radio dispatcher on duty at all times. Radio contact is available to the Sheriff's Department of Craven County, Carteret County and the North Carolina State Highway Patrol. Morehead City relays radio calls for the towns of Newport and Beaufort. A Univac machine puts the police department in contact with the North Carolina Department of Motor Vehicles and the Federal Bureau of Investigation in Washington, D. C. This machine allows the department to contact these agencies for their files and records. Other towns in North Carolina that have the Univac machines or that are part of the Police International Network may be contacted.

Police officers work eight hour shifts for a total of 48 hours a week. The department operates on a six day work week for its employees. Three policemen and one dispatcher are on each shift. The chief has the day shift, but is on call at all times.

The Police Department is supplied with a variety of minor law enforcement equipment. The town provides uniforms and guns to each officer. Major equipment possessed by the department includes:

Breathilyzer
Univac
Vascar Unit
Ford - 1971
Chevrolet - 1972

Headquarters and Jail

Space allotted to the police department in the Municipal Building comprises approximately 700 square feet and is not adequate. The space is not only inadequate but is poorly arranged. The room used to administer the breathilyzer test is separated from the jail and offices, thereby, causing a person taking the test to have to travel through the main foyer of the Town Hall. The location of the police department is convenient and accessible to those in the downtown area.

The Morehead City jail contains two cells with a total of eight bunks. This facility recently received a rating of "A" from the State of North Carolina. There are no cells at the present time to separate youthful offenders from others or to separate female offenders from others.

Standards and Recommendations

- (1) A minimum standard suggested by the Federal Bureau of Investigation is there shall be one police officer for every 500 persons.

Morehead City almost meets this requirement by having one policeman for each 436 persons. This includes radio dispatchers and all other employees of the Police Department. The number of policemen will need to be increased during the planning

period, especially if annexation occurs or if recommendations for a shorter work week are approved and put into effect. Based on this requirement Morehead City will need twelve policemen by 1980, fourteen by 1990, and sixteen by the year 2000. These needs are based on population projections at this time and could be altered by a large or unexpected decrease or increase in the population. The town should consider the hiring of a black policeman since approximately 15% of Morehead City's population is black. This would also help the town by creating a more cooperative atmosphere among the citizenry.

- (2) A town should provide part-time assistance to the police department to aid it in non-police functions such as school events, funeral traffic control, and emergencies that involve large numbers of people.

Morehead City does not have a reserve or auxiliary police force. This should be considered since it could relieve the police officers from non-essential police duties such as funeral traffic control, etc.

- (3) A police Department should be located in the Central Business District and have room to expand.

Morehead City's police department is located in the Central Business District, but does not have room to expand unless expensive remodeling is considered.

- (4) Special Recommendations:

- A. Cars - Within the planning period the Town of Morehead City will need five police cars. These cars should be replaced on a regular basis. The chief should be provided a car instead of using his personal car and being reimbursed. For the present, the town should purchase two cars on alternate years and then purchase two new cars each year to replace the two oldest cars. This would keep the department supplied with reliable cars. The cars purchased should be heavy duty police vehicles.
- B. More space should be provided the police department for an equipment room, locker space, and more efficient space for the breathalyzer. The department now includes four female employees, three of whom serve as radio dispatchers. All restroom facilities for females are located upstairs in the Municipal Building. This creates an inconvenience to these employees and a loss of work time. Restroom facilities should be located on the ground floor.

- C. Jail - Separate jail cells for youthful offenders, female offenders, and space for large numbers of people.
- D. Better facilities should be provided for a confiscated lock-up room, weapon storage, and squad room.
- E. The ratio of policemen to total population is correct at this time and should be kept so in the planning period. If large areas are annexed then more police officers and equipment will be needed. The town has no local training school for its police officers. The town relies on the training provided by technical institutes, State Bureau of Investigation, Federal Bureau of Investigation, Governor's Safety Council, and other agencies. Policemen of Morehead City have attended various courses offered by one of these agencies or sponsored by the North Carolina Department of Community Colleges, and North Carolina Law Enforcement Agencies.
- F. Morehead City should continue to get funds from available sources such as Neuse River Regional Planning and Development Council. These grants and loans are necessary to acquire needed modern equipment.
- G. The Town of Morehead City offers its policemen several fringe benefits such as insurance, etc.; however, the town should consider the possibility of a forty-hour week for its police department. This would necessitate the hiring of an additional four men. The starting salary for police officers should be raised as soon as possible to conform with pay received in other towns of similar size. This would eliminate moonlighting by police officers in their off-duty hours and provide the town with better police officers.

FIRE DEPARTMENT

The Morehead City Fire Department was established in 1906. The town fire department serves only the area within the town limits of Morehead City. A mutual aid agreement is in effect with Newport, Beaufort, Cherry Point, and the Crab Point-Mitchell Village Fire District. The equipment purchased by the Crab Point-Mitchell Village Fire District is housed, maintained, and manned by the Morehead City Fire Department.

Personnel and Equipment

Major items of equipment owned by the department are:

1963 GMC Pumper

- 500 gallon tank with 1,000 gpm pump capacity
- 150 feet of 1 inch hose
- 450 feet of 1½ inch hose
- 1800 feet of 2½ inch hose
- 1 35 foot and 1 12 foot roof ladders

1956 GMC Pumper

- 300 gallon tank with 750 gpm pump capacity
- 300 feet of 3/4 inch hose
- 550 feet of 1½ inch hose
- 1500 feet of 2½ inch hose
- 1 35 foot and 1 12 foot roof ladders

1954 FWD Pumper

- 500 gallon tank with a 500 gpm pump capacity
- 150 feet of 3/4 inch hose
- 200 feet of 1 inch hose
- 550 feet of 1½ inch hose
- 1500 feet of 2½ inch hose
- 1 35 foot ladder and 1 10 foot ladder

1948 Foam Pick-up Truck

1970 Ford Pick-up Truck used by Fire Chief and Building Inspector

Crab Point-Mitchell Village Fire District Equipment includes:

1972 Ford Pumper

- 500 gallon tank with a 1,000 gpm pump capacity
- 150 feet of 1 inch hose
- 450 feet of 1½ inch hose
- 1800 feet of 2½ inch hose
- 1 35 foot ladder and 1 12 foot ladder

1972 Ford Tanker

- 1250 gallon tank with a 350 gpm pump capacity
- 300 feet of 1 inch hose
- 450 feet of 1½ inch hose
- 1000 feet of 2½ inch hose
- 1 34 foot ladder and 1 12 foot ladder

Available to the Fire Department from Rescue Squad and Morehead City Street Department:

- 1 Trailer Lighting Unit - 15 K.W.
- 1 Rescue Truck fully equipped
- 2 Portable generators - 5 K.W.
- 1 Rescue Ambulance fully equipped
- 1 1,000 gallon water tank truck

All equipment is maintained and used by the Morehead City Fire Department. All trucks are in good condition. A full-time employee of the department does this maintenance work.

The main fire station is located on Evans Street at the Municipal Building where the facilities include space for three pumpers plus a sitting room, bedroom and kitchen for firemen. This building is in good repair, however, it is old, being constructed in 1926. A substation is located at 3308 Arendell Street near the western town limits. This two story building was constructed in 1956. The two newest pumpers are housed here.

The chief of the Morehead City Fire Department is part-time at the present, but will become full-time shortly. Morehead City has 49 firemen; 8 full-time and 41 volunteers. Four men are on

duty one day, three the next, with the eighth man being a relief man. The firemen are divided into two pumper companies and one ladder company. Approximately 41 are qualified fire fighters having attended firefighting schools. A local drill is held each month, being conducted by fire department personnel. One fireman is a certified instructor in firefighting techniques.

Communications

Morehead City has a Gamewell Fire Alarm System with a total of 39 boxes. The Fire Department also has an emergency hotline on which fires may be reported. A county-wide fire alarm system is also in operation. The Sheriff's Department handles this with its radio dispatchers that are on 24 hour duty. All fire trucks are radio equipped. A citizen-band radio is also available for communication with members that have receiving sets.

Fire Rating

The North Carolina Fire Insurance Rating Bureau rates the Town of Morehead City currently as "NB7." This rating was recently dropped from a "6" rating due to the lack of a better water distribution system and other improvements. The Crab Point-Mitchell Village Fire District is rated "9AA" with a four (4) mile travel response.

Crab Point-Mitchell Village Fire District

The Morehead City Fire Department also operates the Crab Point-Mitchell Village Fire District that includes the area north and west of Morehead City. Two trucks, a pumper and tanker, were purchased with a tax levy from this district. These trucks are

housed at the Arendell Street substation. The 1,000 gpm pumper is used for fire calls in Morehead City down to but not to exceed 20th Street. This pumper usually is assisted by a pumper from the main fire station and upon arrival of this truck, the pumper from the Arendell Substation returns to its station. Should the 1,000 gpm pumper actually hook up to a hydrant and begin to fight a fire, then the pumper from the main station proceeds to the substation to remain on call for the fire district. The 1,000 gpm pumper is in radio contact with the fire station at all times.

CHART 1

WATER SUPPLY TEST DATA

DATE	TIME	LOCATION STATIC AND RESIDUAL	LOCATION FLOW	GALLONS PER * MINUTES	TANK LEVEL	PUMPS OPER.
4/24/68	9:00 A.M.	Arendell & 7th Sts.	Arendell & 8th Sts.	2320	Prac. Full	2 @ 650 gpm auto
4/24/68	9:10 A.M.	Arendell & 9th Sts.	Arendell & 10th Sts.	1085	Prac. Full	2 @ 650 gpm auto
4/24/68	9:18 A.M.	Arendell & 12th Sts.	Arendell & 13th Sts.	630	Prac. Full	?
4/24/68	9:28 A.M.	Shepherd & 16th Sts.	Shepherd & 18th Sts.	1110	Prac. Full	2 @ 650 gpm auto
4/24/68	10:37 A.M.	11th & Fisher Sts.	11th & Bay Sts.	550	Prac. Full	2 @ 650 gpm auto
4/24/68	9:40 A.M.	Arendell & 23rd Sts.	Arendell & 24th Sts.	380	Prac. Full	2 @ 650 gpm auto
4/24/68	10:25 A.M.	Bridges & 16th Sts.	Bridges & 18th Sts.	930	Prac. Full	2 @ 650 gpm auto
4/24/68	8:50 A.M.	Evans between 8th & 9th Sts.	Evans & 7th Sts.	695	Prac. Full	2 @ 650 gpm auto
4/24/68	9:50 A.M.	Arendell & 33rd Sts.	Arendell & 34th Sts.	500	Prac. Full	2 @ 650 gpm auto
4/24/68	10:00 A.M.	Evans between 30th & 32nd Sts.	Evans & 33rd Sts.	530	Prac. Full	2 @ 650 gpm auto
4/24/68	10:15 A.M.	At County Hospital	No Residual			
4/6/71	2:27 P.M.	Arendell & 23rd Sts.	Arendell & 24th Sts.	435	Prac. Full	1-650 gpm main plt
4/6/71	2:15 P.M.	Arendell & 33rd Sts.	Arendell & 34th Sts.	395	Prac. Full	1-650 gpm main plt
4/6/71	2:05 P.M.	At County Hospital	At last hydrant on W. Bridges St.	300	Prac. Full	1-650 gpm main plt
9/7/72	4:55 P.M.	At County Hospital	At last hydrant on W. Bridges St.	333	Prac. Full	2 @ 650 gpm auto
9/7/72	5:05 P.M.	Connection at Roses Store in Shopping Center	At hydrant on W. side of Shopping Center	350	Prac. Full	2 @ 650 gpm auto
9/8/72	10:50 A.M.	Arendell & 7th Sts.	Arendell & 8th Sts.	2040	9/10 Full	2 @ 650 gpm auto
9/8/72	11:03 A.M.	Arendell & 9th Sts.	Arendell & 10th Sts.	1460	9/10 Full	2 @ 650 gpm auto
* This is the	amount available	for fire trucks.				

Standards and Recommendations

1. Water Supply

- A water treatment capacity of 140 gallons per day per person plus average industrial use should be maintained by the town.
- Based on this standard Morehead City at the present time would require 732,620 gallons per day just for domestic purposes. Morehead City currently uses an average of 700,000 gallons per day including industrial uses. Therefore, it is obvious that residents of Morehead City do not use 140 gallons per person. Morehead City currently can pump and treat 790,000 gallons per day while it uses only 700,000. Based on this standard and population projections, Morehead City will need the the following amounts of water in the planning period:

1980 - 840,000 gpd
1990 - 994,000 gpd
2000 - 1,120,000 gpd

2. According to fire flow requirements in the International City Managers Association Municipal Fire Administration, Morehead City should have:

3.24 million gallons per day
2,250 gallons per minute
9 hour duration

Morehead City now consumes 700,000 gallons per day and has the capacity to pump 792,000 gallons per day at 1200 gallons per minute. The storage capacity of Morehead City is 120,000 gallons. Based on Fire Flow requirements of 2,250 gallons per minute for a nine hour period, Morehead City should have a reserve of 1,215,000 gallons which added to its normal use of 700,000 gallons per day would be 1,915,000 gallons. Morehead City then is 1,795,000 gallons short on its shortage of water.

It should be noted, however, that (1) Morehead City does not use 140 gallons per person (2) 700,000 gallons per day includes industrial users that could be shut down in an emergency (3) Morehead City now can pump 90,000 gallons a day more than it uses. Of primary concern, is the fact that Morehead City needs immediately more elevated water storage. Applications have been made to construct a 500,000 gallon elevated tank. This tank should be located at the western end of Morehead City. During the planning period (between the years 1975-1980) a second 500,000 gallon elevated tank should be constructed along Highway 70 west of the present Morehead City town limits.

3. Storage Facilities - The town should be able to store enough treated water for a twenty-four hour period without it having to be treated at a treatment plant.

Morehead City has a stand pipe tank that holds 120,000 gallons located at 105 North 5th Street. This tank is located on flat terrain, therefore, water pressure is lacking as the water level drops.

4. Water Distribution - The town should possess no dead end lines and mains should be of a size to efficiently handle the water supply. All lines should be at least 6 inches in diameter or larger.

The Town of Morehead City possesses six dead end lines. The line sizes in Morehead City begin at 4 inches, however, no fire hydrant connects to a four inch line. The town should correct all dead end lines by looping such lines. All lines below six inches in diameter should be replaced as soon as feasible. There is approximately 650 feet of four inch lines in Morehead City.

5. Spacing of Valves - Valves should be spaced so that a break or repair work would not close down more than 500 feet of line in the high value district or more than 800 feet in other areas.

Morehead City generally meets this requirement.

6. Hydrants - Hydrants should be spaced so that each one covers an average of 170,000 feet to 200,000 feet. All hydrants should deliver 250 gpm from 2½ inch outlets. All hydrants should be located on 6 inch or larger mains.

Morehead City has a total of 52 double hydrants and 44 triple hydrants. All these hydrants are located on water lines six inches in diameter or more.

7. Fire Station Location - The main fire station should be in the central business district. The station should be close to and leading into a major thoroughfare. The site should have room to expand.

The main fire station in Morehead City meets these requirements. The station in order to expand would have to purchase a lot adjacent to the Town Hall that is now leased by the town for municipal parking.

8. Equipment

- A town the size of Morehead City should have at least two pumpers that are under twenty years old. No piece of equipment should be used after it is twenty years old except as a reserve unit.

Morehead City has four pumpers all under twenty years of age.

9. Hose

- Each pumper should have a minimum of 1,000 feet of 2½ inch hose on it.

All Morehead City pumpers meet this requirement.

10. Ladder Trucks

- If a town has as many as five buildings over three stories high, then a ladder truck is needed.

Morehead City does not have this many buildings over three stories high.

11. Personnel

- 1.5 firemen for each 1,000 population if work week is more than 64 hours or 2.0 firemen for each 1,000 population if work week is between 46-52 hours. The minimum number of volunteer fire fighters should not be less than 10 per company and preferably be 25 per company.
- Morehead City meets this requirement by having 8 full-time firemen and 41 volunteers divided into three companies.

12. Leadership

- There should be one head of the department and this person should be responsible to the town leaders. A definite chain of command should be established within the fire department. The chief should be responsible for training.

The fire chief of Morehead City is appointed by the Town Board of Commissioners and is responsible to the board through the Town Administrator. The chief, with the aid of a Captain and Lieutenants, is responsible for the local training program and establishes a chain of command within the fire department.

13. Maintenance

- The fire department should be tested at least once a month.

The department has a full-time maintenance man.

14. General

- Inspection of the Central Business District should be conducted at least once a quarter.

Morehead City does not meet this requirement.

- There should be a public information campaign concerning the fire department and its functions.

Morehead City needs to expand this type of campaign by making more public appearances before civic groups and school groups to present the public with information concerning the fire department.

- More than one alarm system should be used in case of failure in one system.

Morehead City meets this requirement by having a Gamewell Alarm System, a telephone line expressly for fire calls, and also a county-wide fire alarm system operated by the Sheriff's Department.

- A fire department should limit the area it attempts to serve.

Morehead City does this.

Recommendations:

1. Morehead City should hire a full-time fire chief.
2. Radio monitors should be provided to volunteer members of the fire department in order that they might be in closer contact with the department.
3. Morehead City needs to upgrade its present fire inspection program. More frequent fire inspections should be made with follow up by the Building Inspector or Fire Chief to make sure corrections have been made.
4. The Fire Department should launch a public information campaign to help educate the citizens of Morehead City as to the needs and functions of the Fire Department.
5. While volunteer firemen do provide a free service to the community in risking their lives, small expenses do occur such as clothes ruined or needing cleaning, therefore, the Town should continue its recently adopted policy of granting a subsidy for the Fire Department. The Town currently grants the department a \$3,000.00 subsidy to pay the following:

\$3.00 to each fireman for each call (no pay for false alarm).

\$1.00 for each monthly meeting attended.

These payments are paid the 1st of each December.

6. The town should adopt a replacement policy and provide necessary funding to acquire new equipment. The following equipment will need replacing during the planning period:

1956 GMC Pumper needs replacing in 1976

1954 Pumper will need replacing in 1974

1963 Pumper will need replacing in 1983

Plans and funds should be prepared now to replace those pieces of equipment listed above. The remaining equipment should be able to perform until the 1990's.

7. The basic problem of the Morehead City Fire Department and the one that will need immediate attention is the water supply and distribution in Morehead City. The water lines are old and small. Water pressure at the fire hydrants is not of sufficient levels to have adequate fire protection. Chart # 1 lists water pressure at various hydrants throughout Morehead City. A check of this chart indicates that water pressure is not adequate in Western Morehead City. The town's new 500,000 gallon elevated tank will aid this problem when it is constructed. This project should be completed as soon as possible.

8. Fire hydrants are needed in several locations in Morehead City, especially the Morehead City Shopping Center and the Carteret County General Hospital. The fire department could possibly in an emergency obtain water from the Sound, however, the department should not rely on this source since it would have to be relayed to the fire. This lack of hydrants is critical at the hospital now.
9. As the town grows in population, the number of full-time firemen will need to increase. The town should hire an additional man at the present time and plan to add another in the next five year period. An additional two men will be needed by 1990, with an additional two added by the year 2000. The growth of the town will determine what number will be needed, should Morehead City annex larger areas then more firemen will by necessity be needed.

RESCUE SQUAD

Morehead City Rescue, Inc. was organized in 1957 and has operated since that time. The organization is comprised of twelve volunteers; officers include a chief, captain, lieutenant, and a secretary-treasurer. All prospective members must serve a six month probationary period before being accepted as a full member. Nine of the present members have completed the State E03 Course in rescue operations and all of the members receive local and area training. The rescue unit is currently located at 306 North 25th Street. The two story structure includes bays for the vehicles downstairs and living quarters and a meeting room upstairs. This site belongs to the Town of Morehead City.

The Morehead City squad serves Morehead City, the Atlantic Beach area from Fort Macon to Pine Knoll Shores, North of Morehead City to Country Club area, and west of Morehead City to Gethsemane Gardens. Only emergency rescue work type calls are accepted by Morehead City; no ambulance service is provided. All calls requested by the police or fire department are answered. The squad answers all fire calls and stands by to provide emergency treatment to firemen or others.

The Town of Morehead City finances the rescue squad. During the past fiscal year the town budgeted \$1,000 for the squad. The Carteret County Commissioners also provided \$ 750 to the squad. These funds are enough to operate the squad unless unexpected expenses arise. The equipment operated by the rescue squad includes the following:

1951 Dodge Truck
1959 International Truck
1969 Econoline Van
Portable Generators (3)

The emergency vehicles are fully equipped.

Recommendations

1. The street in front of the existing rescue building should be paved in order to permit safer and faster service of the rescue equipment.
2. An educational program in safety and rescue operations should be continued and handled by the rescue squad. The squad now presents programs when asked by school groups and civic clubs. At least one member of the squad now teaches first aid courses for interested people throughout the area.
3. Equipment - A new ambulance will be needed in the very near future to insure proper service to the area. The squad should have two reliable ambulances, both relatively new, so that if one is in need of repair the other will be on call for rescue work. Audio-visual equipment should be purchased to present training films to members and to aid in a general public informational campaign to civic groups and other interested parties.
4. Members of the rescue squad should not also be members of the Fire Department. Since both units answer fire calls, there could arise a situation where confusion could cause the loss of property or life. A person's loyalty and time needs not to be divided between two departments, therefore, a person should not serve in both as volunteers.

WATER

Morehead City receives its water supply from two wells. The wells are located at 2nd Street and 1st Street North 5th Street. Water is pumped from these wells into a storage tank and then into the city water system.

Sanitary Sewerage

The city has a sanitary sewerage system which consists of two main lines. The first line is located at 2nd Street and 1st Street North 5th Street. The second line is located at 2nd Street and 1st Street North 5th Street. The system is designed to collect and dispose of sanitary waste from the city.

UTILITIES



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WATER

Morehead City receives its water supply from two deep wells. The wells are located at 24th Street and Fisher Street and 105 North 5th Street. Morehead City has always depended on deep wells for its water supply and until now has faced no major shortage.

Supply and Treatment

The two deep wells provide Morehead City with an average capacity of 790,000 gallons per day. The water is pumped from the wells at a rate of 1,200 gallons per minute. If the pumps were operated at maximum capacity for a straight twenty-four hour period, it would be possible to pump a total of 1,728,000 gallons. This would be unlikely, however. Besides pumping water directly into the mains, water is also pumped into a 120,000 gallon ground level tank at the well site on North 5th Street. Due to the high hydrogen sulfide content in the water supply, high chlorine treatment is used. The town water department furnishes the North Carolina State Health Department with samples for testing each month to insure a safe water supply. Since the State Port is served by this water, six samples instead of the normal one are forwarded to Raleigh for testing each month.

The lowest daily average rate of consumption in Morehead City is 517,000 gallons per day. The highest 24 hour recorded consumption was 739,000 gallons per day and of this amount approximately 150,000 gallons were used for industrial purposes. The distribution lines for the water supply of Morehead City cover 11.64 miles and serve a total of 1835 customers. These customers generally include five industrial users, 275 commercial users, 1528 domestic users, and 27 governmental users.

Personnel & Equipment

The Water Department employs seven full-time people. Major equipment operated by the department includes:

1961	Chevrolet
1964	Chevrolet station wagon
1968	Chevrolet $\frac{1}{2}$ ton truck
1971	Ford pickup
1957	Trenching machine
1967	Backhoe with frontend loader
1968	Pump (mud hog)
1958	Mueller Topping machine
1967	Small rodding machine
1959	Hydraulic pipe cutter
1954	Addressograph
1954	Graphotype
1954	Burroughs billing machine

Much of this equipment is now old and in need of replacement, especially the 1961 Chevrolet truck and 1964 Chevrolet station wagon. Plans should now be formulated and funds earmarked to provide for replacement of all equipment.

Standards and Recommendations

1. The raw water supply should be plentiful and reliable.

Since the Town of Morehead City uses deep wells for its water supply, the reliability of this supply can be judged only by past performances and current testing of well water levels. This will continue to be the primary test until adequate elevation of the aquifer system through pumping tests and observation wells have been accomplished to provide data on well yields, operation, and spacing. Based on a standard of 140 gallons per person, Morehead City would need 732,620 gallons per day and its current level of pumping provides 790,000 gallons per day. The average daily use of water in Morehead City is 700,000 gallons per day. Included in this figure is industrial use, therefore, on an average, residents of Morehead City do not use 140 gallons per person per day. The town storage capacity is now 120,000 gallons. According to the Fire Flow Requirements on page of this report, Morehead City should maintain a reserve of 700,000 gallons. Morehead



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LAND DEVELOPMENT PLAN MAP

- RESIDENTIAL
- PUBLIC & SEMI-PUBLIC
- INDUSTRIAL
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 - NEIGHBORHOOD
 - HIGHWAY
 - SHOPPING
 - MARINE
- OFFICE & PROFESSIONAL
- FLOOD PLAIN

WATER SYSTEM

EXISTING

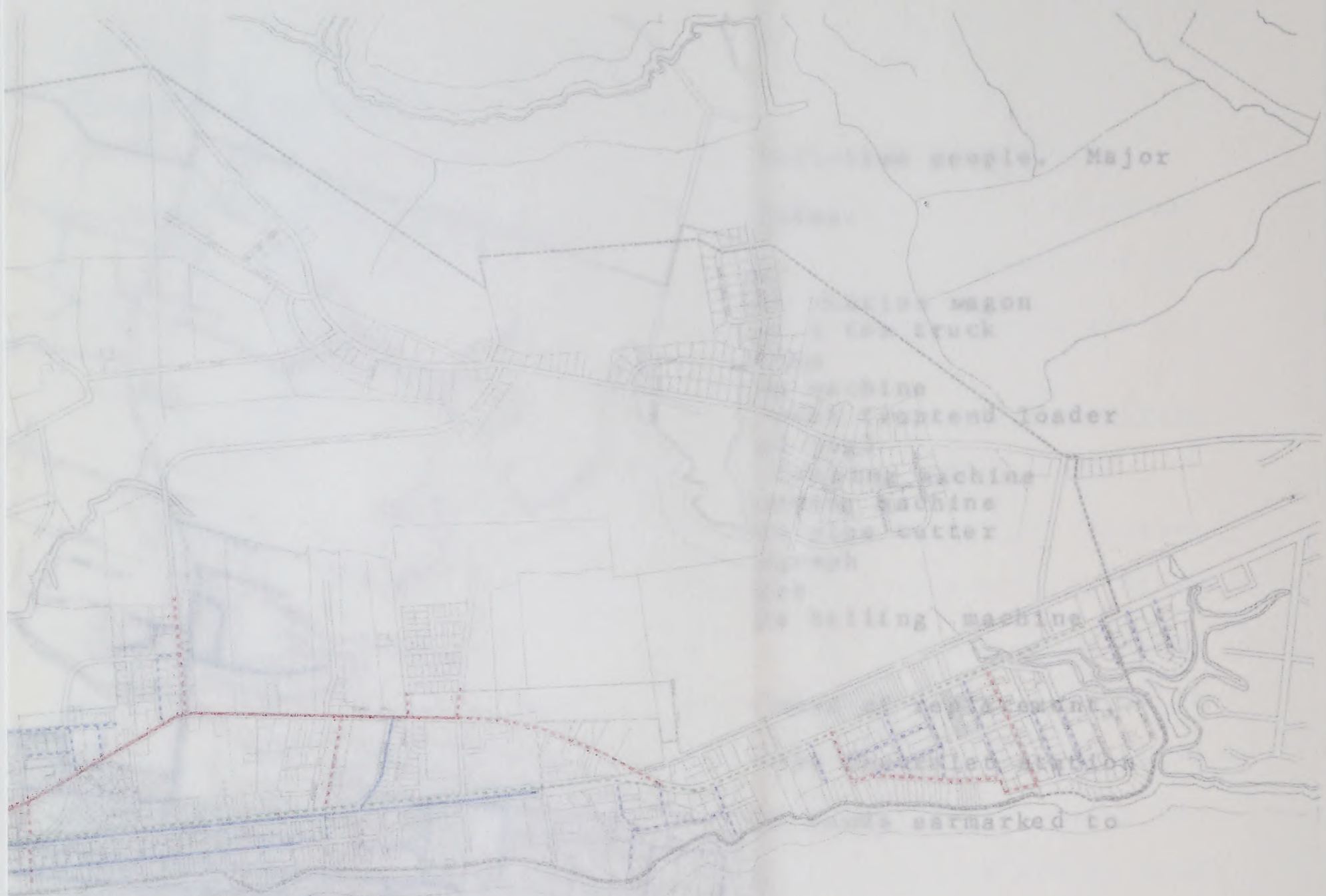
- 6" MAIN
- 8" MAIN
- 12" MAIN

PROPOSED

- 6" MAIN
- 8" MAIN
- 12" MAIN

MOREHEAD CITY
PLANNING AREA





WATER SYSTEM

EXISTING

6" MAIN	—
8" MAIN	—
12" MAIN	—

PROPOSED

6" MAIN	...
8" MAIN	...
12" MAIN	...

MOREHEAD CITY
MARINE AREA

and reliable.

water at all times and by
the water levels.
The water level is
not constant and on
no data on
to prepare a
026,427 feet above
790,000
Morehead
is a figure is
Morehead
The
According to
Morehead
Morehead



City is 580,000 gallons short on its water storage capacity. At the present time Morehead City has an adequate water supply, however, with the expected increase in population and industrial growth over the next twenty years, Morehead City will need to add to its water supply and storage capabilities. In order to increase water storage facilities and increase water pressure, the Town of Morehead City has applied for grants to construct an elevated tank with a 500,000 gallon capacity in the vicinity of 28th Street and Bridges Street. As Morehead City expands by natural growth and annexation, more wells will be needed. These wells should be located in the Western and Northern sections of Morehead City. Over the next twenty years with the population growth projected, Morehead City should plan to increase its number of wells to five. One additional well should be added before 1980 with another well being added in 1985. Should Morehead City annex large areas or numbers of people, then this number should increase. As the number of wells increase, so will the need for more elevated tanks to maintain proper water pressure. Morehead City will need a minimum of two 500,000 gallon elevated tanks within the twenty year planning period.

2. Water treatment facilities should have auxiliary power in order that a power failure or disruption would not halt service to the community.

Each of the two wells in Morehead City are supplied with gasoline pumps to operate in case of electrical failure.

3. Water mains should be engineered in such a way that there will be as few dead end lines as possible and no line will be under six inches in diameter.

There are six dead end lines in Morehead City and 650 feet of lines under six inches in diameter. Many of the lines are old, however, and all these lines that can be identified should be replaced.

4. There should be adequate storage facilities to provide water pressure and sufficient water at peak use hours and in emergencies such as fires. Normally, a twenty-four hour supply of water should be stored.

Morehead City currently has storage facilities for 120,000 gallons which is 580,000 gallons short for a twenty-four hour supply. Applications have been submitted and plans drawn for a 500,000 gallon elevated tank. Once this tank has been completed, Morehead City will be only 80,000 gallons short. A 500,000 gallon tank would, along with the existing 120,000 gallon tank, provide the town with a twenty-four hour supply of water for domestic use only. In cases of emergency the industrial users could be shut down.

5. The water treatment capacity should be normally at least 25 percent more than present consumption to allow time for studies and expansion.

Morehead City can currently pump and treat 90,000 gallons more per day than it normally uses. This means Morehead City has a reserve of 12.5 percent at the present time.

6. Based on population projections for the planning period, the domestic water need will increase to 1,000,000 gallons per day from the present 700,000 gallons per day. Industrial needs will be determined by the number and type of new industries locating in the town or its planning area. If the water level in the two wells would allow it, as stated previously, Morehead City has the pumps to pump at least 1,700,000 gallons per day at the present time. This could be achieved only by running the pumps at peak performance 24 hours a day. With the population growth anticipated for the town, Morehead City should continue with the present plans for a 500,000 gallon elevated tank and consider another such tank around 1985. Three new deep wells should also be considered in the Morehead extension area and Crab Point area to provide the increased demand for water.

7. Policy for extending water lines outside the town limits.

All extensions outside the town limits of Morehead City must be approved by the Town Board of Commissioners. The applicant for extending lines outside of town must pay 100 percent of the total costs. No reimbursement is made upon annexation and all water lines connected to the town system and located outside the corporate limits become the property of the Town of Morehead City.

8. New lines needed.

12 inch lines needed:

- 5th Street from Arendell South to Evans - along Evans Street to 12th Street - North to Fisher Street - West along Fisher Street to 21st Street - South to Bridges Street - West to 23rd Street - South to Arendell Street - West to town limits.
- North from Arendell Street to Bridges Street at 28th Street to site of proposed tank.
- North along 20th Street from Fisher Street to town limits.

8 inch lines needed:

- North from Evans Street at 8th Street to Fisher Street.
- North from Evans Street at 10th Street to Arendell Street.
- West along Evans Street from 12th Street to 14th Street.
- North along 15th Street from Shepard Street to Fisher Street.
- North along 18th Street from Shepard Street to Fisher Street.
- North along 21st Street from Arendell Street to Bridges Street.
- North along 25th Street from Evans Street to Bridges Street.
- North along Bonner Avenue from Arendell Street to Bridges Street.
- East from the town limits along Bridges Street to Camp Glenn Road and North along this road to town limits.
- North from Bridges Street along Country Club Boulevard to town limits.
- SR 1200 from intersection of Highway 70 and Bridges Street to town limits along Bridges Street.

6 inch water lines needed:

- North from Bridges Street to Fisher Street and West along 7th Street.
- From corner of 8th Street and Fisher Street - West to 11th Street also North to Bay Street and then West to 11th Street.
- North from Fisher Street at 15th Street to Bay Street and then East to 13th Street.
- West from corner of North 20th Street and Bay Street to 22nd Street.
- North from Fisher Street at 24th Street to Avery Street and West to end of Avery Street.
- East off North 20th Street along SR 1180 to town limits.
- East off North 20th Street along Ballou Road to town limits.
- South off Arendell Street at 33rd Street to Evans Street.

SEWER

The Morehead City waste treatment plant is located on a ten acre site north of Calico Creek on the loop road. The 1.6 million gallon per day capacity plant was constructed in 1964. The facilities include primary treatment, secondary trickling filter, clarification, chlorination, digester, and drying beds. The discharge from this plant flows into Calico Creek.

The average amount of waste water flowing through the treatment plant is 1,000,000 gallons with variations as low as 550,000 gallons and highs of over two million gallons per day. Since the capacity of the plant is 1.6 million gallons, all above this amount is poured into Calico Creek with no treatment. There is often an overflow at the plant due to heavy rainfall which places surface water into the facility. Other water enters the facility by way of old lines that are cracked or disjointed due to the age of some of the lines. The town, hoping to help solve this infiltration problem to a degree, adopted an ordinance this year that forbids owners from draining rain water or other types of surface water into the sanitary sewer lines.

The treatment plant for the most of the past year has not operated within the conditions required by the North Carolina Department of Water and Air Resources. The reasons for this lack of compliance are conditions stated above, infiltration and overloading of the existing facilities. This problem can be solved; it will require a substantial investment on the part of the town.

Personnel and Equipment

The employees of the Town of Morehead City's sewer system include two waste treatment plant operators and a part-time chemist. One operator is certified as a class one operator and will begin training in January of 1973 for a class two classification. In addition to the plant site and equipment already listed, the sewer department owns a 1973 Ford pickup truck.

Policies

Extension of Sewer Lines - The entire cost of extending lines outside the corporate limits of Morehead City shall be the responsibility of the developer. The town may participate if they require larger size mains than would be needed to serve the project. Upon annexation no reimbursement will be paid by the town. All lines hooked to the Morehead City system become the property of the system.

Sewer Service Charges - All sewer service charges shall be paid by the owner, tenant or occupant of each such lot or parcel to whom a bill shall be rendered for water furnished by the waterworks system of the town and used on or about such lot or parcel. The charge shall be 70 per centum (70%) of the gross monthly water bill.

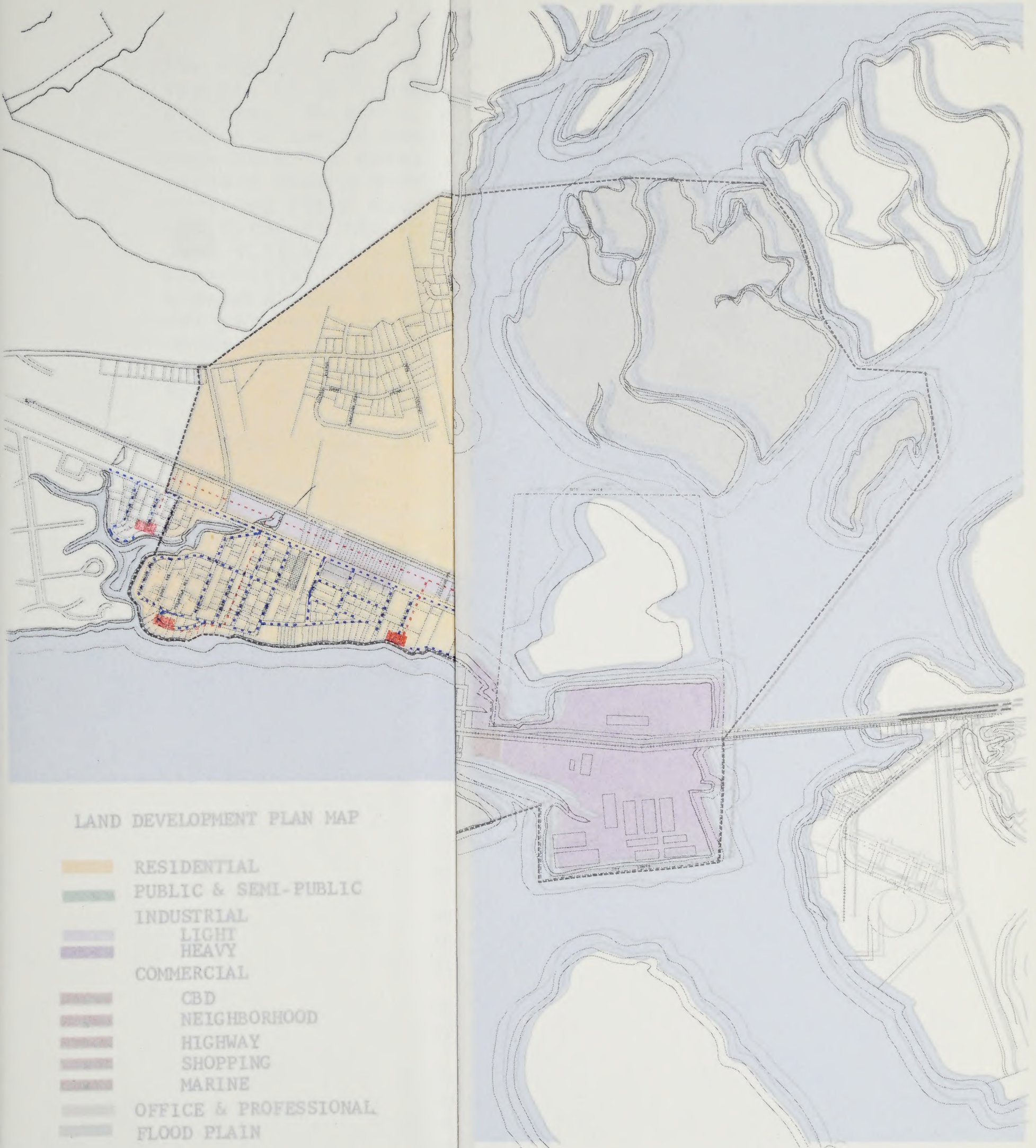
Minimum Service Charge - No monthly bill for sewer service charge shall be for an amount less than \$2.00.

Dumping of Industrial Waste - The town defines what types of waste may or may not be discharged into the system.

Permits are required and procedures outlined in an ordinance entitled "An Ordinance Regulating the Discharge of Domestic and Industrial Waste."

Recommendations

1. Infiltration - Due to the high water table in Carteret County and the low land elevation, Morehead City has a sewage infiltration problem. This problem is intensified due to heavy rainfall and surface run off water entering the lines. The town should begin an active program of replacing all old sewer lines that have broken or slipped due to old age. A complete infiltration study including T V inspection of the system should be undertaken. Appropriate check valves should be installed to halt water entering the facility when an abnormal high tide forces water back into the plant. An additional benefit of such a survey would be the locating of all sewer lines within the city limits of Morehead City. At the present time, there is no map showing exact location and sizes of all the sewer lines. This type of information is vital if maintenance of lines and the plant is to be maintained at an efficient level.



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SEWER SYSTEM

EXISTING

SEWER LINE

PROPOSED

SEWER LINE
FORCE MAIN LINE
LIFT STATION

MOREHEAD CITY
PLANNING AREA

are outlined in an
 Regulating the Dis-
 Waste.

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 has a sewage infil-
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SEWER SYSTEM

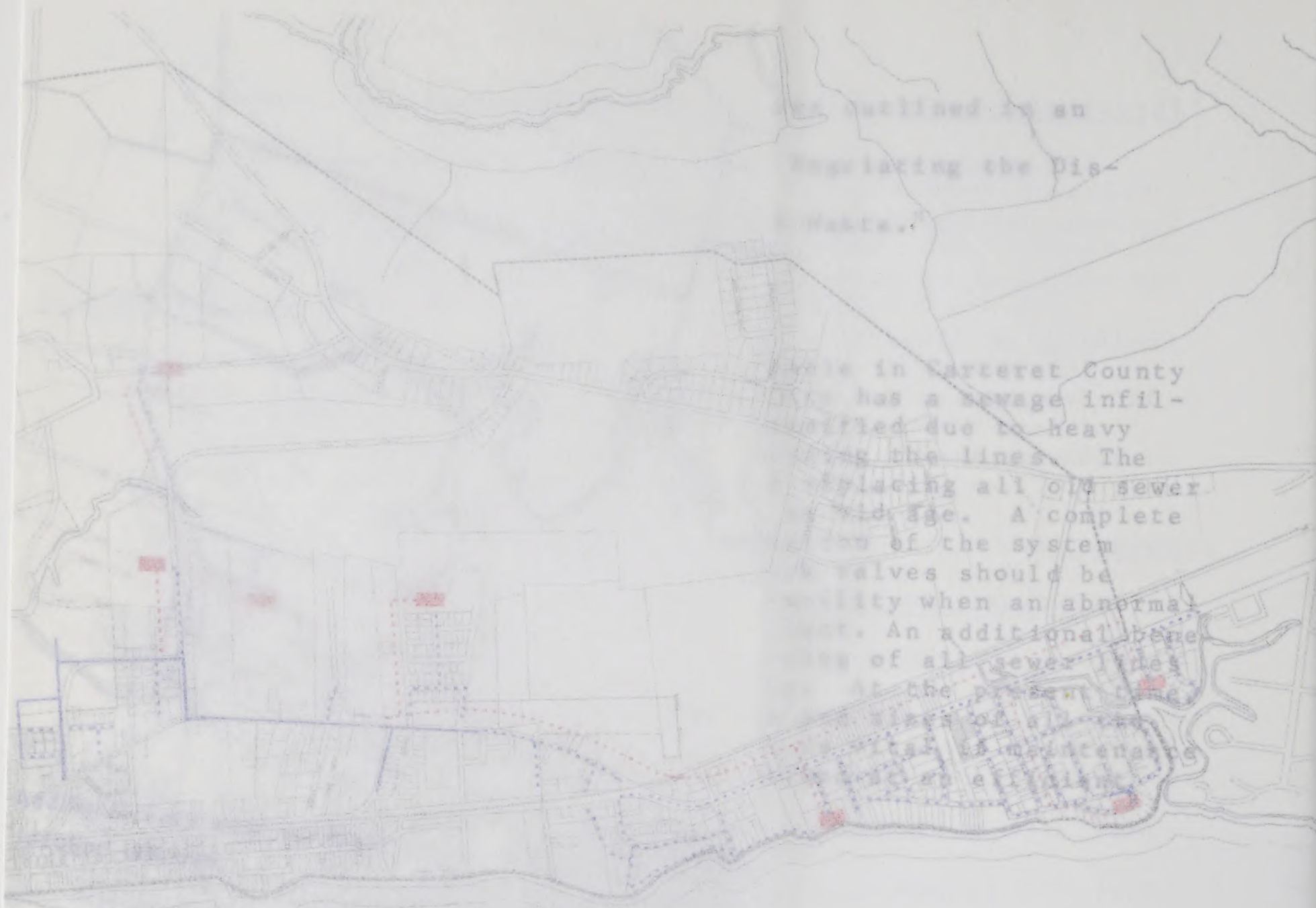
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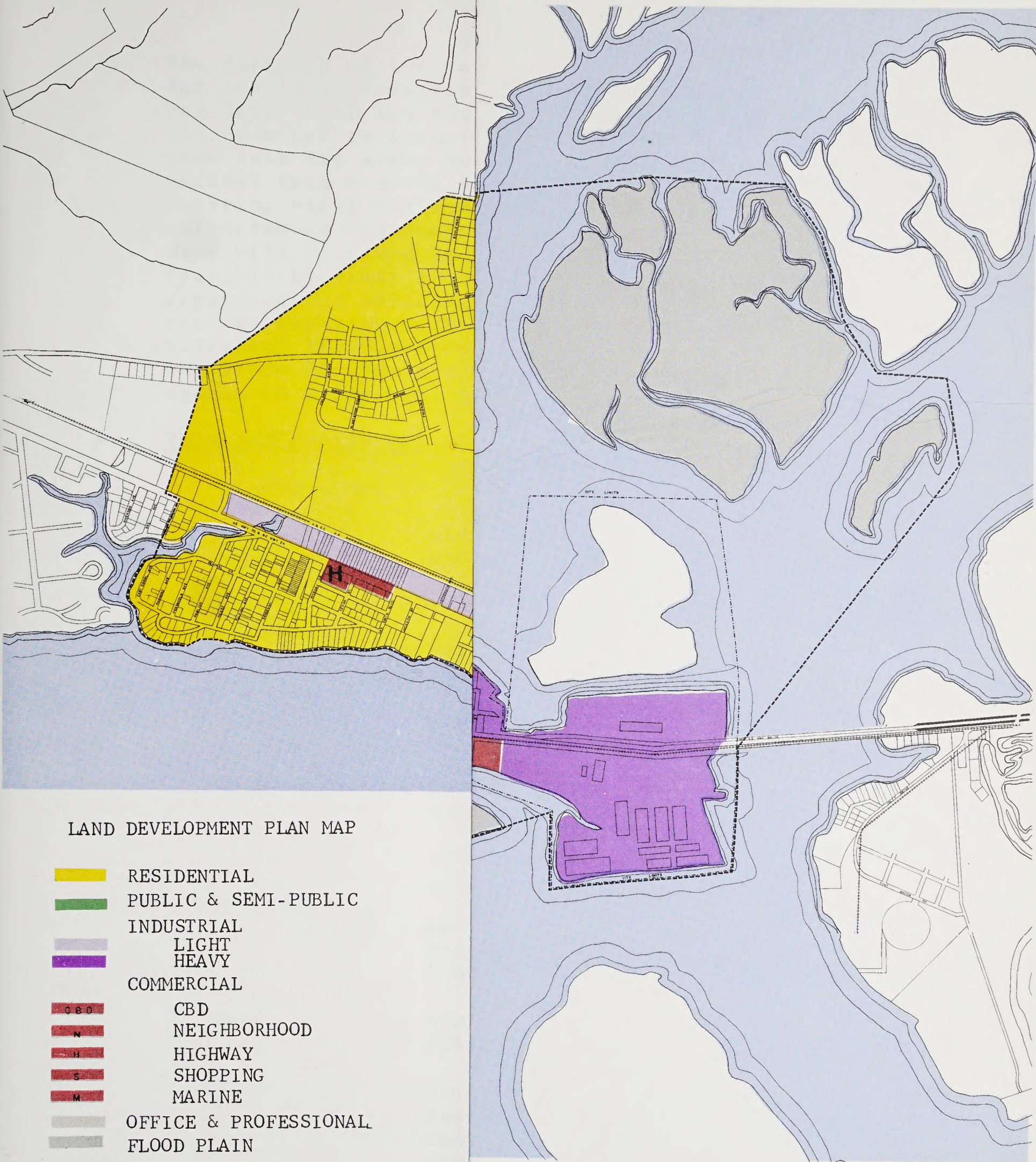
SEWER LINE

PROPOSED



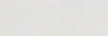








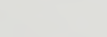
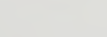
SEWER LINE
 FORCE MAIN LINE
 LIFT STATION

REHEAD CITY
 LANNING AREA





LAND DEVELOPMENT PLAN MAP

- | | |
|-------------------------------------------------------------------------------------|-----------------------|
|  | RESIDENTIAL |
|  | PUBLIC & SEMI-PUBLIC |
|  | INDUSTRIAL |
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...regulating the Dis-
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...in Carteret County
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SEWER SYSTEM

EXISTING

SEWER LINE

PROPOSED

SEWER LINE

FORCE MAIN LINE

LIFT STATION

PREHEAD CITY
ANNING AREA



LAND DEVELOPMENT PLAN MAP

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MOREHEAD CITY
PLANNING AREA

2. The capacity of the facility is now 1.6 million gallons per day and it is receiving an average of one million gallons per day. With the increase in population projected during the next ten to twenty years; with the industry that might move into the area; and with the existing problems it is evident that a newer or larger facility is needed. The existing plant was constructed in 1964, however, it is now out dated in the degree of treatment it is capable of and soon will be dated in its overall capacity. An engineering feasibility study should be prepared to determine costs for expanding the existing plant to a five to six million gallon per day capacity. The present site should be used since the necessary land is already owned by the town. A portion of the study should include an evaluation of expanding the system to a regional system.
3. Proposed Extensions (See Sewer Map)
- Sewer Lines -
- along North Yaupon beginning at town limits and south to Emeline Place, east to Crab Point Road then along Crab Point Road to the town limits.
 - Bay Street - beginning at 25th Street to 26th Street.
 - Avery Street - beginning at 25th Street to 28th Street.
 - Church Street - beginning at Bridges Street to Myrtle Street.
 - 27th Street - beginning at Bridges Street to Avery Street.
 - SR 1243 (Country Club Blvd.) from Myrtle Street to proposed lift station located 1,000 feet north of Myrtle Street on SR 1243.
 - Bonner Avenue Extension - beginning at Bridges Street north for 450 feet.
 - North from Bridges Street along Camp Glenn Road for approximately 250 feet, thence east to Noyes Avenue Extension, thence south to Bridges Street.
 - beginning at hospital along Bridges Street to intersection of Highway 70 and Arendell Street.

Forced
Mains

- along Highway 70 from intersection of Highway 70 and Arendell Street to 200 feet beyond Camp Glenn Drive.
- from Myrtle Street to proposed lift station on SR 1243.
- from proposed lift station north of Bridges Street near Camp Glenn Road to Noyes Avenue, thence to Bridges Street.

Lift
Stations

- North of Bridges Street in vicinity of Camp Glenn Road.
- North of Myrtle Street on SR 1243.

4. In order to be able to consider future expansion of Morehead City for the next twenty years the following extensions should also be planned now:

- Sewer line along Highway 70 from Town limits west to Peletier Creek. Connect all streets between Sound and Highway 70 from Peletier Creek to Town limits.
- North along Crab Point Road from Town limits to SR 1178.
- Along Crab Point Loop Road from north 20th Street extension to waste treatment plant site.
- Along SR 1180 beginning at Crab Point Road, thence east for 1100 feet, thence south for 500 feet, thence west along Ballou Road to Crab Point Road.

Lift Stations will be required in the following general locations:

- at SR 1178 north of Morehead City
- at Calico Creek at eastern end of Ballou Road
- North of Bridges Street on SR 1243
- North of Bridges in vicinity of Camp Glenn Road
- approximately three will be needed west of Morehead City dependent on how far out the lines run. The stations should be in the vicinity of SR 1200, SR 1244 on the Sound.

Forced Mains will be necessary from Peletier Creek east to Town limits and from the proposed lift station on Calico Creek to Crab Point Road.

STREETS

Morehead City has a total of 25.53 miles of streets inside the town limits. Paved streets comprise 21.41 miles of this total; 4.12 miles are covered with soil, stone or gravel. (See Street Map.)* The Town of Morehead City allocated \$48,600 for street construction and maintenance during the 1971-1972 fiscal year. \$30,000 of this amount was provided in Powell Bill funds from the State. The total Street-Sanitation Department budget for this year was \$154,580.00. This sum included \$12,000 in the street assessment fund. In the current fiscal year, 1972-1973, the Powell Bill fund was increased to \$60,400. Morehead City in its current budget allocates \$50,151.00 for street construction and maintenance. The total budget for the Street-Sanitation Department is \$174,934.00 with a \$12,000 street assessment fund.

The Morehead Street Department is located on North 25th Street. The site comprises approximately 7500 square feet. This area includes a new metal garage building enclosed by a chain link fence. The old street department garage located on Fisher Street included three lots (16,000 square feet). This site will be cleared and sold.

Personnel and Equipment

Eleven employees and one supervisor work in this department. Major equipment owned by the department includes:

*State highways make up 4.7 miles of this total.

1961 Chevrolet truck
1966 International 3/4 ton truck
1968 Chevrolet truck
1972 Ford truck

Policies

Sidewalks - Where sidewalks exist in the Town of Morehead City and are in need of repair the policy of the town is to supply the necessary labor to repair or replace the sidewalk providing the owners adjacent to the sidewalk supplies all the necessary materials. New sidewalks are constructed on a 50-50 basis when approved by the Town Board.

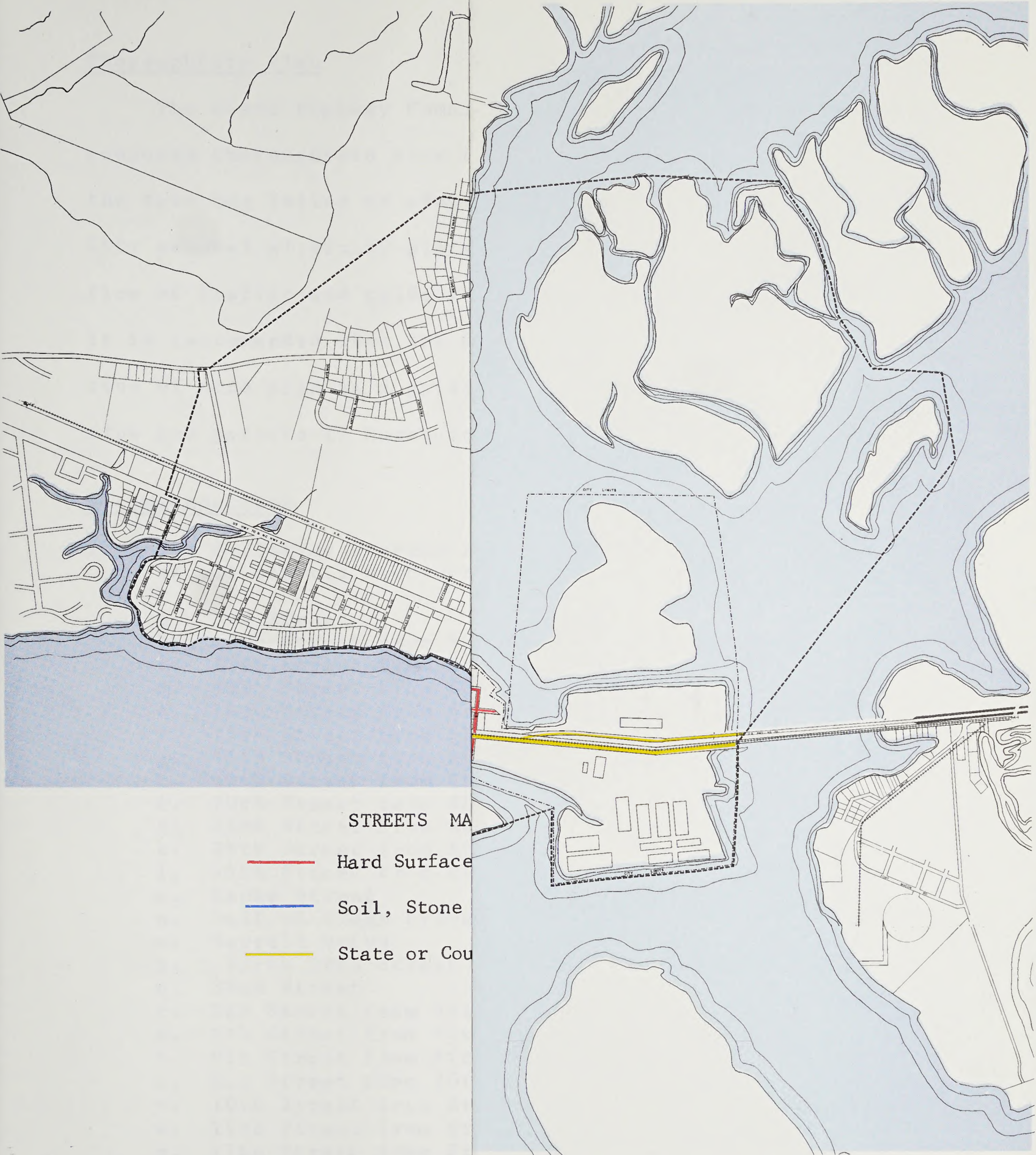
Traffic Signs - The Morehead City Police Department decides what signs are needed and where they shall be installed. Actual installation is done by the Street Department.

Streets - Streets are paved by assessing the property owners on either side of the street that is to be paved. The owners on either side of the street are required to pay 1/3 of the cost and the town pays the remaining 1/3 of the cost and for all intersections. All streets are paved by petition and assessment. All major work such as paving and curb-gutter installation is done by private contractor.

Street Lights - Request for street lights must be submitted to the Town Board and also approved by the police department. A majority of the street lights in Morehead City are mercury vapor.

Recommendations

1. The central downtown area could be improved by underground wiring and more modern light poles.
2. The town should request a survey of the town from CP&L and then implement their suggestions as to what would be needed to provide adequate lighting.
3. Sidewalks in the central downtown area and around all schools should be kept in good repair in order to prevent accidents in these heavily used areas.



STREETS MA

- Hard Surface
- Soil, Stone
- State or Cou

Recommendations

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3. Sidewalks in the central downtown area and around all schools should be kept in good repair in order to prevent accidents in these heavily used areas.



STREETS MAP

- Hard Surface City
- Soil, Stone or Gravel City
- State or County System

**MOREHEAD CITY
PLANNING AREA**



Thoroughfare Plan

The State Highway Commission in July of 1971 completed a proposed thoroughfare plan for the Town of Morehead City, however, the town has failed to adopt this plan. The plan offers Morehead City several alternate plans and routes to increase the efficient flow of traffic and guide the future highway use of Morehead City. It is recommended that the town adopt a mutually acceptable alternative of this plan as a guide to the future development of traffic flow and pattern in Morehead City and its planning area.

Recommendations

1. The following streets need paving to complete the surfacing of all streets within the corporate limits of Morehead City:
 - a. 3rd Street
 - b. 10th Street from Shepard Street to Bogue Sound
 - c. 11th Street from Shepard Street to Bogue Sound
 - d. 13th Street from Shackelford Street to Bogue Sound
 - e. 14th Street from Shackelford Street to Bogue Sound
 - f. 15th Street from Shackelford Street to Bogue Sound
 - g. 16th Street from Shackelford Street to Bogue Sound
 - h. 19th Street from Shepard Street to Bogue Sound
 - i. 20th Street from Shepard Street to Bogue Sound
 - j. 23rd Street from Evans Street to Bogue Sound
 - k. 26th Street from Arendell Street to Bogue Sound
 - l. 25th Street from Arendell Street to Bridges Street
 - m. Banks Street
 - n. Half of Glenn Drive
 - o. Harrell Drive
 - p. North 18th Street off Calico Drive
 - q. 33rd Street
 - r. 5th Street from Bridges Street to Calico Creek
 - s. 6th Street from Fisher Street to Calico Creek
 - t. 9th Street from Fisher Street to Bay Street
 - u. Bay Street from 10th Street to 7th Street
 - v. 10th Street from Avery Street to Water
 - w. 15th Street from Bridges to 1 block past Bay Street
 - x. 17th Street from Fisher Street north
 - y. Fisher Street from 20th Street to 25th Street
 - z. Bay Street from 20th Street to 25th Street
 - a. a. Avery Street from 23rd Street to 25th Street
 - b. b. Bay Street from 17th Street to 18th Street
 - c. c. Avery Street from 15th Street to 16th Street

Top priority in paving these streets or portions thereof should go to Fisher Street, Bay Street, Avery Street, 9th Street, and 15th Street. All these streets should be paved in order to provide a better atmosphere within the community plus improving the safety and health. Many of these streets are located within the poorer areas of Morehead City. Property owners in these areas should be encouraged to participate in efforts to have all streets in Morehead City paved. Curbs and gutters should be installed to improve the drainage.

2. The equipment used by the Street Department is relatively new, however, plans should be underway to replace old equipment such as:
 - a. The 1961 Chevrolet truck
 - b. The 1966 International 3/4 ton truck
3. Additional equipment will be needed as the population increases. Plans should be underway now to set aside funds for this purpose.
4. First impressions are most important and one of the first impressions a person receives of Morehead City is Arendell Street. Civic groups and interested people should be encouraged to begin an active beautification program. Areas of special importance would be Arendell Street, city parks, and waterfront area. Immediate actions that could be taken would be:
 - a. metal light poles
 - b. shrubs and flowers
 - c. clean up and improve the city parks on Arendell Street
 - d. stores on Arendell Street need a "face lifting"
 - e. better parking facilities along the waterfront.

STORM DRAINAGE

The Town of Morehead City has severe drainage problems throughout the town. All catch basins in Morehead City are constructed by private contractors but are maintained by the Morehead City Street Department. The basins are cleaned after each large rain and checked every two to three weeks to determine if they have become clogged with debris.

The Street Department of Morehead City does not now have a comprehensive listing of all catch basins located within the town. Those lines that do exist are often old and undersized. The Street Department does not know where the lines go once they leave the catch basin. As stated, the entire Town of Morehead City has a drainage problem, but areas where drainage is a severe problem would include:

Intersection of 10th Street and Shepard Street
Intersection of 11th Street and Evans Street
Intersection of 10th Street and Bridges Street
Intersection of 9th Street and Bridges Street
Intersection of 15th Street and Bridges Street
Intersection of 18th Street and Arendell Street
Cross alley between 16th Street and 17th Street
on Shackelford Street
20th and 21st Block on Fisher Street

Standards and Recommendations:

1. Storm Drainage System should keep all areas of the town well drained. Morehead City does not meet this requirement since rainfall often backs water up all over town.
2. The storm drainage system should be inspected annually to prevent blockage. Morehead City inspects that part of the system that it can. The town has hired an engineer to locate and map the storm drainage system. Once a map is produced, then a more extensive inspection should be made and then improvements made to correct the poor drainage.

3. Subdividers should be required to install proper drainage facilities in their subdivisions. Morehead City adopted this year a new subdivision ordinance that requires this.
4. All streets in the town should be paved with curb and gutters.
5. Urban growth should not be allowed to hinder natural drainage. The new subdivision regulations have provisions dealing with this.
6. Once the engineer completes his survey and mapping, a comprehensive drainage study of Morehead City and the one mile area should be undertaken.
7. Drainage tiles should be placed in any open ditch within the town.

Morehead City has had problems concerning drainage and water back up for years. The town officials have in the past tried to solve the problem on a case-by-case approach, but this has not worked. The Town Board now realizes that a comprehensive approach is necessary and have taken the preliminary step of trying to ascertain where the catch basins and lines are. The next step will be a study to determine how to correct what the town has and then implementation of the results of this study.

REFUSE COLLECTION

Morehead City provides refuse collection to all areas of the town. Refuse is collected twice a week in residential areas and six times a week in industrial and commercial areas.

Disposal Site

Morehead City participates with Carteret County in a county wide waste disposal site. The sanitary landfill operated and maintained by Carteret County is located off Highway 70 on Hibbs Road near Newport in the Croatan National Forest. The site comprises 23 acres. The area is covered and compacted daily. The Carteret County Health Department as well as various State and Federal agencies inspect the site. There have been no major problems with this site. The landfill is open six days a week Monday through Saturday from 8:00 a.m. to 5:00 p.m. Morehead City pays \$1.00 per capita per year for the use of this facility.

Personnel and Equipment

A total of eleven men work in refuse collection in Morehead City. The town operates four trucks for the purpose of refuse and trash collection.

- 1972 Chevrolet Packer
- 1971 Chevrolet Packer
- 1972 Ford Trash Truck
- 1971 Chevrolet Garbage Truck

Each packer carries a three man crew (one driver and two helpers).

Policies

- All building rubbish shall be collected, removed, and disposed of by the contractor or builder or by the owner of the property.
- Each household shall provide at least one container and more if necessary. Each container shall be metal with handles and a tight fitting lid. The container should be of not less than 20 nor more than 30 gallon capacity.
- Once an established collection route is established any changes must be advertised in the local newspaper once at least fifteen days before said changes are effective.
- Containers in residential areas where collection is not from North, South alleys shall be placed on the curb line at the street or the area between the sidewalk and the curb.
- Containers in residential areas where collection is from the North, South alleys shall be placed adjacent to such North, South alleys on the day designated for such collection.
- No collection is made from any East, West alleys.

Standards and Recommendations

1. Packers - Standards outlined by the International City Managers Association series states that one packer is needed for each 2,000 people. Morehead City presently operates two packers. With a 1970 population of 5,233 people, a new packer is needed now with a fourth packer needed by 1990. The need for the fourth packer is based on population projections, however, annexation by the town could alter this requirement. If the town annexes large numbers or areas then a fourth packer might be needed sooner. The normal life of a packer is eight years, therefore, Morehead City will need to replace the 1971 packer in 1979 and the 1972 packer in 1980. A regular replacement schedule should be worked out so that packers would be replaced at regular intervals.
2. Workers - Each packer should carry a three man crew, therefore, as additional packers are purchased, additional workers will be required.
3. The ordinance governing refuse collection and disposal in Morehead City should be enforced. All containers should meet specifications outlined in this ordinance.

EDUCATION & RECREATION



SCHOOLS

All public schools in Morehead City are operated by the Carteret County Board of Education. School sites located in Morehead City include:

Camp Glenn Elementary School - This school is located on Highway 70 west. The site contains 10 acres. The main school building was constructed in 1954. The major problem is poor lighting. There is also present a 1949 two room classroom with oil fired space heaters. This building suffers from its small size and poor lighting.

Morehead City Elementary School - This school is located on a seven acre (one city block) site on Bridges Street. The main classroom was constructed in 1929. The building will require major work if its use is continued. The building should be checked by the Fire Chief, County Fire Marshall and building inspector and improvements necessary to comply with the North Carolina Building Code made. Also located at this site is a cafeteria/classroom building constructed in 1950, a metal prefabricated building with four classrooms constructed in 1957, and a 1933 wood-frame gymnasium. The wood gym is no longer in use and therefore should be removed.

Morehead Central School - This school is located at Fisher Street and 16th Street on a ten acre site. The classroom building was constructed in 1949. The site is bordered at the rear by Calico Creek and therefore expansion is hampered. With proper maintenance and replaced lighting, this facility will continue to serve for many years.

These three elementary schools serve a total of 1558 pupils.* St. Egberts Elementary School has approximately 100 elementary students in its denominational facility on Evans Street. The high school students of Morehead City attend West Carteret High School located on a fifty acre site two miles west of Morehead City on the Country Club Road. This facility, completed in 1965, has a total of over 1200 pupils.

Carteret Technical Institute is located on a fifteen acre site in west Morehead City. The Institute had a student enrollment of 2,603 pupils during the 1971-72 school year.** The Institute has moved into a new \$1.1 million dollar building.

Recommendations:

1. The maintenance level at all the public schools seems to be low; this should be improved in order to insure the safety of the pupils as well as extend the life of the building.
2. Lighting in almost all the schools is below present day standards. This situation should be corrected.
3. All new school construction should include air conditioning - this should be added to all those facilities where feasible.
4. The two room classroom constructed in 1949 at Camp Glenn School should be upgraded. This building is too small, has poor lighting and uses oil-fired space heaters.
5. Sidewalks should be provided in areas adjoining all public schools within Morehead City.

*Information and Statistics, Carteret County Division of School Planning, N. C. Department of Public Instruction.

**This figure includes college transfer, General Education, Technical, vocational, occupational extension, General Adult, and Adult Education students. Annual Enrollment Report - Student Enrollment and Full-Time Equivalents: Department of Community Colleges - State Board of Education.

LIBRARY

The Earle W. Webb, Jr. Memorial Library and Civic Center is located at 107 South Ninth Street. The two story building contains ample space having a total of twelve rooms. The building, being approximately forty years old, is in fair condition. Major repair work and general maintenance is now being undertaken. This work is primarily oriented to the outside structure but work is also planned to renovate the inside as well.

Citizens of Morehead City are able to use other library facilities in the area such as school libraries and the Carteret County Public Library in Beaufort, North Carolina. The Earle W. Webb, Jr. Library is furnished from the earnings of a trust fund set up by the Webb family. The Town of Morehead City does not contribute financially to the library.

The library serves the 5,233 people of Morehead City plus the people in the outlying areas near the town. As of August 1, 1972, the library had 18,677 volumes. No records of circulation are kept, but the librarian estimates 10,000 volumes per year. The library staff consists of one librarian, two part-time assistants during the summer and one caretaker. The library is open Monday through Friday from 9:30 A.M. to 12 noon and from 2:00 P.M. to 5:00 P.M. On Saturday, the library is open from 9:30 A.M. to 1:00 P.M. Three reserved parking spaces are provided in a parking lot across Ninth Street from the library. Space along the street is also available but not reserved.

Various clubs, such as the Garden Club, Women's Club, Boy Scouts, Legal Secretaries, etc. use the library as a meeting hall or civic center. Ample space is provided in three meeting rooms or halls by the library at no charge. A complete kitchen is also available to the clubs using the facility.

Standards

- (1) A library should be located in a site that is convenient and accessible to the people. The central business district is an ideal location for a library since this area has heavy pedestrian traffic.

The Earl W. Webb, Jr. Library is located within the central business district.

- (2) A library should be open to the public a minimum of 30 hours each week with these hours being distributed among the morning, afternoon and evening.

The Earl W. Webb, Jr. Library is open 31 hours a week, but not in the evenings. The library should be open some evenings during the week to serve those people that work during the day or students who need to supplement the local school libraries. Opening for a brief time on Sunday evening or afternoon might increase the use of the library.

- (3) The North Carolina Library Association states that a library should include at least two books per capita.

Morehead City's library meets this requirement. The library added 720 books last year. The North Carolina Library

Association also indicates that 25 per cent of the new books should be for children. The library purchased approximately 200 books for children during the past year. The library shall continue to provide at least 700 new books a year to its collection in order to maintain its present status. Worn out or lost books should be replaced and not counted in the 700 books scheduled to be purchased each year. If this is done, Morehead City will have a library in 1990 of over 31,000 volumes.

- (4) The City Managers' publication, Local Public Library Administration, states that a library should have one full-time staff member for every 3,000 population. One third of the staff should be professional librarians certified by the State. The Earl W. Webb, Jr. Library has one full-time librarian. The librarian has received no professional training in library science. As the library grows in size and volumes and as the town increases its population, there should be an increased use of the library. As this development takes place, there will be a need for a trained librarian. The present staff of the library should begin now to attend workshops, training sessions, etc. to prepare for this growth.

- (5) A library should provide one-half a square foot of floor space for each person in the service area and no library should have less than 1,500 square feet.

Based on the population of Morehead City, the prime users of the library, the library needs 2,616 square feet of floor space.

Using the same formula and projecting the growth of population in Morehead City to the year 2000 when Morehead will have 8,000 people, the library would need an additional 4,000 square feet. The Earl W. Webb, Jr. Library meets this requirement.

RECREATION

The Town of Morehead City owns and maintains three city parks. These parks are located:

1. corner of 10th Street and Arendell Street - this park is the largest park operated by the town containing 51,000 square feet. Benches and swings are present, but the equipment is old and needs replacing.
2. corner of 7th Street and Arendell Street - this park has been landscaped with shrubs and trees with a brick wall enclosing a portion of the park. A railroad spur track divides the site.
3. corner of 28th Street and Bridges Street - this site is undeveloped, however, it is a wooded site and could be developed as a mini park.

The town also uses a park located along Highway 70 at the western end of town. This park is owned and maintained by the North Carolina Wildlife Commission as an access point to Bogue Sound. Picnic tables, benches, and a boat launching facility are located here. The Morehead City Jaycees are presently developing a park on Shepard Street that will front on Bogue Sound. All parks owned by Morehead City are maintained by the building and grounds department.

The Town of Morehead City operates two recreational centers:

1. Shepard Street Center - located at 1500 Shepard Street and contains one entire city block. The site contains two tennis courts, playground equipment, and one building. Housed inside the building is one gym, pool tables, pingpong tables and physical fitness equipment plus various smaller items needed for recreational programs. This building is in poor condition and could easily be

condemned. The roof leaks, painting and carpentry work needs to be done, and the wiring is faulty. The overall appearance of the building is not pleasing to the eye.

2. 16th Street Center - this site located on North 16th Street is adjacent to the Morehead Central School. The site contains one tennis court, two basketball courts, two softball diamonds, and one cinderblock building. This building is in good repair outside and inside with new equipment inside and fresh paint outside.

Attendance and participation at both centers have been extremely good. Regular attendance at the Shepard Street center alone numbers 500 and this figure does not take into account those people that just drop in for an hour a day occasionally.

Morehead City operates a full-time recreation program and has a recreation director with an office at the Shepard Street Center. The recreation program in Morehead City is financed by a \$.10 per \$100 recreation tax. During the fiscal year 1971-1972 the Recreation Department received \$20,225 out of a total budget of \$820,595. Capital Improvements for the Recreation Department amounted to \$1,055 of the total. In the current 1972-73 budget, the Recreation Department is receiving \$22,831.00 out of a total of \$1,145,009 with \$2,000 allocated for Capital Improvements and all programing including sports equipment. The Town Board of Morehead City appoints a Recreation Advisory Commission to aid in the administration of this department.

Standards and Recommendations

1. Ten acres of park land for each 1,000 population is a standard set by the National Recreational Association.

Morehead City does not meet this standard having a total of approximately three acres in park land plus another four acres at the two recreation centers. According to the above standard, Morehead City should have at least fifty-two acres in park land. The town does have access to the Wildlife Refuge Park on Highway 70 and to the new Jaycee Park as well as the various school facilities located within Morehead City.

During the coming twenty years, Morehead will need to add twenty acres of park land due to an increase in population, thereby, needing a total of seventy-one acres of park land. If this standard was adhered to strictly Morehead City would need then to purchase or acquire sixty-eight acres of park land. The validity of this standard is open to question in an area where State Parks, beaches, etc. are available as they are in and around Morehead City. The fact does remain, however, that the Town of Morehead City needs more developed parks. This need could be filled if -

- all the present parks were developed to their full potential.
- mini parks be developed in areas where small children would have access to them.
- new park land be acquired and developed. One area that should be considered for additional park land should be North of Arendell Street.

2. More modern equipment is needed in all the present parks. Those parks that have any equipment at all have old deteriorating equipment. Sidewalks should be provided in the area of the parks and especially the 16th Street center. The street at this facility also needs paving and a better parking facility provided.
3. Serious consideration should be given to operating only one recreation center. A town the size of Morehead City can operate one recreation center more efficiently and cheaper than two centers. The Shepard Street Center due to its location and size should be kept as the Morehead City Recreation Center and the 16th Street Center used as a playground facility. This would require a new building at the Shepard Street site. The only alternative to this would be for the town to hire enough additional personnel to run both centers and appropriate a larger budget to supply and maintain each center in order that they might be operated effectively.

4. Personnel - A full-time administrative assistant should be hired for the Recreation Department. The addition of such a position would not only allow the Recreation Department to be run more efficiently, but would provide a responsible person to be left-in-charge when the director must be away. This secretary or administrative assistant should be a female. The addition of a female to the departmental staff would aid the female related programs.

Thought should also be given to adding grounds and maintenance personnel in the near future.

5. The Shepard Street Center building needs immediate attention due to its structural condition. This location is ideal for recreational use and thought should be given to the erection of a new building. Another alternative is a major renovation of the existing facility, but this would be expensive. A better approach would be to utilize the armory located on Bridges Street for a recreation center and keep the Shepard Street site as an outdoor facility.
6. The Town Board of Morehead City needs to determine exactly what the organizational structure of the recreation program is in the town. There is confusion, at the present, as to the exact role of the Recreation Advisory Commission - does it set policy? or does it merely recommend? A clarification of the role of the committee and the duties, powers and responsibilities of the Recreation Director. A new ordinance has been drafted covering the questions and it is recommended that this ordinance be adopted.
7. The Town of Morehead City also should begin now to study the possibility of a merger with or cooperation agreement with the Carteret County Recreation Department. The people of Morehead City could find themselves in a position of helping pay for recreation facilities in the town and county. The duplication of services would be wasteful and a better financial program could be achieved by town and county cooperation.

MEDICAL

Morehead City receives medical services from three sources.

They are:

- (1) Local Doctors and Clinics - Morehead City, being the site of the County Hospital, has available as the local people eight physicians and surgeons. In addition to these doctors who maintain an office in Morehead City, there are several doctors living and working in Beaufort who also accept as the County Hospital. The town also has several other specialists such as optometrists, dentists, podiatrists, etc.

HEALTH & WELFARE



MEDICAL

Morehead City receives medical services from three sources.

They are:

- (A) Local Doctors and Clinics - Morehead City, being the site of the County hospital, has available to the local people eight physicians and surgeons. In addition to these doctors with residences or offices in Morehead City, there are several doctors living and working in Beaufort that also assist at the County hospital. The town also has several other specialists such as optometrists, dentists, urologists, etc.
- (B) Carteret County Health Department - This department located in the County Seat, Beaufort, serves the entire county with a professional staff including a doctor, nurse, sanitarian, clerical help and laboratory personnel.
- (C) Carteret General Hospital - This facility is located on a sixteen and one half acre site on Arendell Street in West Morehead. The hospital was constructed in 1967 and has one hundred beds and approximately two hundred employees. This hospital is supported by a ten cent tax levy on the tax payers of Carteret County.

Morehead City seems then to have adequate medical coverage since the County hospital is located within the town limits of the town. The hospital is, however, crowded at the present time and the county will need soon to enlarge this facility. The old hospital, located

on the waterfront of Morehead City on Shepard Street, has now been turned into a rest home providing care for the aged.

Recommendations:

1. Morehead City is fortunate that it has the number of doctors and other specialists that it does since many towns of similar size do not have such professionals. The reason for this possibly would be that Morehead City is a resort area and that the County hospital, as well as research facilities for other institutions, are located in and around Morehead City. The citizens of Morehead City should endeavor to keep the same level of service that they now enjoy. This can be done and perhaps increased by supporting expansion and operating programs of the County and of Carteret Technical Institute that has many programs that aid the medical facilities of the town.

CEMETERIES

The Town of Morehead City maintains two cemeteries. They are:

Bayview Cemetery	25 acres	located on either side of North 20th Street
Greenwood Cemetery	8½ acres	located at eastern end of Myrtle Street

Bayview, the oldest of the two municipal cemeteries, has approximately 95% of its available spaces sold and is 90% filled. Greenwood has approximately twelve graves at the present time. The Building and Grounds Department maintains the cemeteries working a crew of two men and one supervisor.

Accessability to Bayview is easy since it is located on North 20th Street and is a residential area. The main problem at Bayview is drainage. The terrain in Bayview is sloping in several places and with a large rainfall water ponds and floods large sections of the cemetery. Erosion caused by water runoff has created gullies in places. These gullies are filled but open again with a large rain. Water running off and along beside North 20th Street has created a sharp drop-off on the right side of the road going north. This drop-off is a traffic hazard for cars travelling along North 20th Street and also causes damage to cars entering and leaving the cemetery. The Black section of Bayview faces the same drainage problems. This section also needs maintenance work to halt the caving in of graves and a general deteriorating appearance.

Greenwood is a relatively new cemetery and has but a few graves. The site is on high ground, however, the center of the cemetery on the east drive has a severe drainage problem. The primary problem with Greenwood is the entrance which fronts on an unpaved street.

Cemetery fees are as follows:

Bayview

Infant sites (each)	\$ 10.00
12 sites (one square)	600.00
6 sites ($\frac{1}{2}$ square)	300.00
3 sites ($\frac{1}{4}$ square)	150.00
Opening graves	35.00
Tent service	5.00

Greenwood

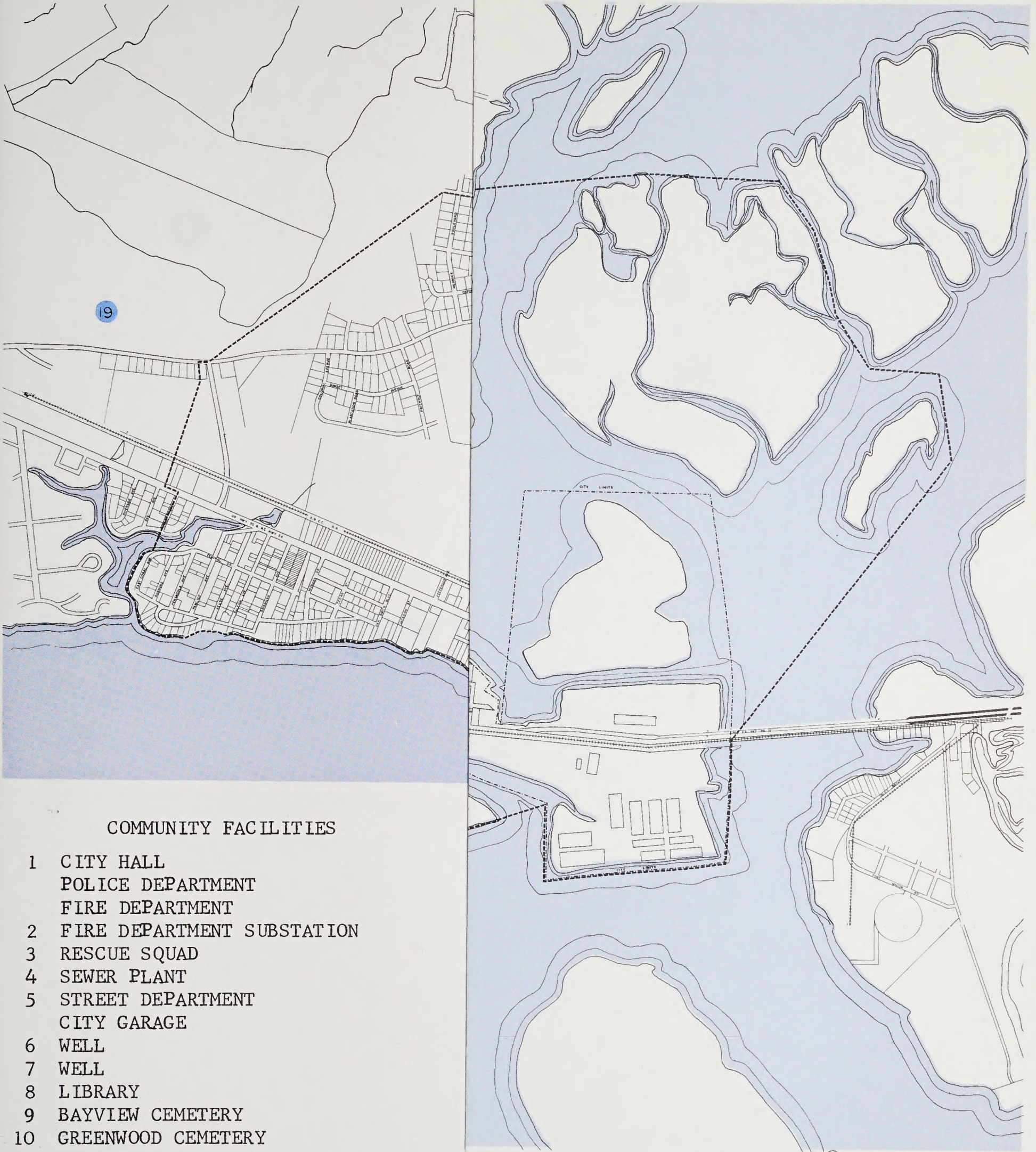
Each burial site	\$135.00
Each baby square in plot	48.00
Mausoleum site	185.00
Opening grave	35.00
Tent service	5.00

Non-residents are required to pay \$5.00 more per deed than the price established for residents. Approximately eighty people per year are buried in Morehead City.

Recommendations:

1. Morehead City should correct the drainage problem in Bayview Cemetery. Cement gullies or tile could be installed to channel the water runoff out of the cemetery.
2. The State Highway Commission should be requested to provide a suitable gutter along north side of North 20th Street through the cemetery.
3. The street leading into Greenwood Cemetery should be paved to provide easier entrance.
4. All finances collected for cemetery lots should be kept in a fund in order to decide if Morehead City is losing money on the operation of its two cemeteries or not. At the present time, the records of Morehead City do not indicate if the sale of lots and opening fees for graves are enough to meet the cost of operation. The cemeteries should be self-sustaining and if the town is losing money then prices for lots and grave openings should be increased.

5. No Mausoleums should be allowed in Greenwood Cemetery. No head stones, fences, or other raised structures should be allowed. This would eliminate much of the maintenance cost and thereby provide a more efficient operation.
6. Special attention should be given to the Black section of Bayview Cemetery to improve its overall appearance. Perhaps civic groups in Morehead could be encouraged to participate in a drive to beautify or clean up the cemeteries.



COMMUNITY FACILITIES

- 1 CITY HALL
POLICE DEPARTMENT
FIRE DEPARTMENT
- 2 FIRE DEPARTMENT SUBSTATION
- 3 RESCUE SQUAD
- 4 SEWER PLANT
- 5 STREET DEPARTMENT
CITY GARAGE
- 6 WELL
- 7 WELL
- 8 LIBRARY
- 9 BAYVIEW CEMETERY
- 10 GREENWOOD CEMETERY



COMMUNITY FACILITIES

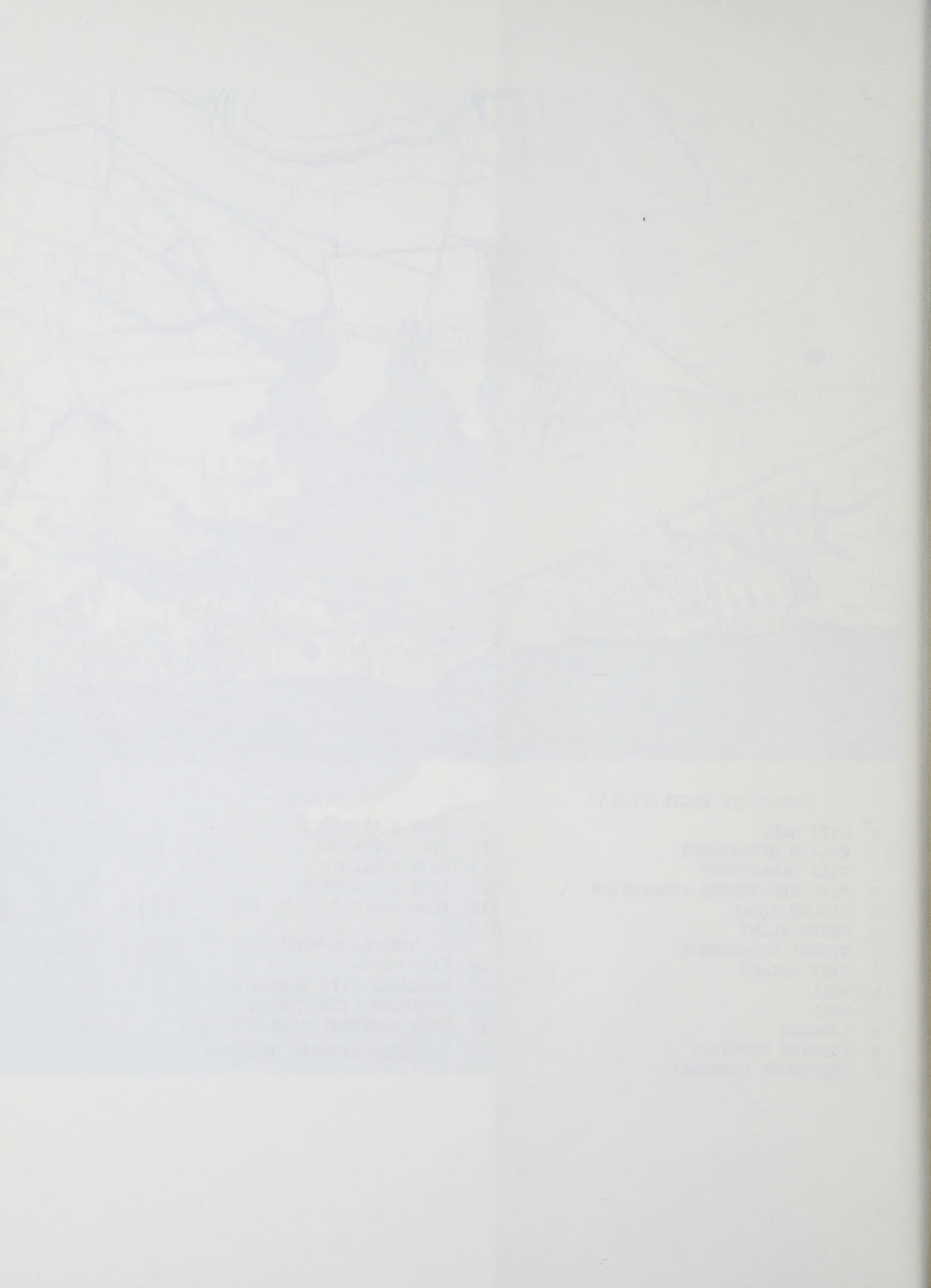
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- 2 FIRE DEPARTMENT SUBSTATION
- 3 RESCUE SQUAD
- 4 SEWER PLANT
- 5 STREET DEPARTMENT
- CITY GARAGE
- 6 WELL
- 7 WELL
- 8 LIBRARY
- 9 BAYVIEW CEMETERY
- 10 GREENWOOD CEMETERY

PARKS

- 11 10TH & ARENDELL
- 12 7TH & ARENDELL
- 13 28TH & BRIDGE
- 14 16TH ST. CENTER
- 15 1500 BLOCK SHEPARD ST.

SCHOOLS & HOSPITAL

- 16 CAMP GLENN
- 17 MOREHEAD CITY ELEMENTARY
- 18 MOREHEAD CITY CENTRAL
- 19 WEST CARTERET HIGH SCHOOL
- 20 CARTERET GENERAL HOSPITAL



CAPITAL IMPROVEMENTS BUDGET



Introduction

A Capital Improvements Budget is a comprehensive listing of needed improvements with the amounts and source of funds programmed for expenditures over a six year period. Of primary concern in such a budget is the capital outlay scheduled for construction, remodeling or expansion of utilities and other physical facilities costing at least one thousand dollars; the purchase of land for community facilities; items of equipment costing at least \$1,000.00 and having a period of productivity of at least five years; and the cost of engineering, architectural and planning studies and surveys.

This Capital Improvements Budget will have no legal status unless it is formally adopted. The value of this program to the Town of Morehead City will be entirely dependent upon whether or not it is adhered to by the town officials. The program is an itemization of needed improvements that will have a beneficial effect upon the future growth and development of Morehead City.

Purpose and Basis

1. The economic climate of Morehead City can be stabilized by helping investors, business and industrial managers and property owners more accurately gauge the financial obligations and future growth pattern of Morehead City.
2. By incorporating the needs of the town in a Capital Improvements Budget, the town officials can list predetermined priorities and determine if the town has the ability to pay for such items.
3. Protects the town from self seeking special interest groups that are not always interested in the overall needs of the town.

4. By having a six year funding plan, necessary tax revisions and bond referendums can be foreseen and studies made.
5. Allows for a better coordination of the city programs with those of other governmental agencies and allows city departments to more wisely plan their own budgets and requests.
6. Allows more time for the technical design of needed community facilities.
7. Permits the advance acquisition of properties needed for improvements by purchase in a favorable market or the retention of tax delinquent land or unused city owned property.
8. Enables the taxpayer to know how his money will be spent over a fixed period of time and also informs him of the total needs of the town.

This Capital Improvements Budget does not guarantee that improvements will be made in a logical and sound manner. Certain advantages of Capital Improvements Budgets are then obvious, but other factors contribute to the success or failure of the total program. These factors include:

- the willingness of the citizens of Morehead City to pay for the facilities and equipment they deem necessary and desirable.
- if state collected, locally shared or federally shared taxes are not materially decreased during the budget period.
- if no major economic fluctuations occur, locally or nationally, during the budget period.
- if legal limitations upon the town's ability and method of financing improvements are not changed during the program period.
- if the Capital Improvements Budget will be reviewed and revised annually by the Town Council and updated each year in order to perpetuate the program.

Financial Analysis

There is no attempt here to project future revenue or financial trends. Factors that make exact projections impossible would include inflation, construction costs, needed capital outlays, operating expenses, debt service, annexation or lack of same, and continued increase of assessed valuations on taxable properties. Reasonable projections, based on past trends, are possible. The budget must be based on need, availability of funds, and willingness to pay. Some general conclusions can be made from the accompanying fiscal data:

- The rate of revenue has risen over the past five years. The budget year 1967-1968 saw total revenue at \$766,071.00 while 1972-1973 budget reflects total revenues of \$1,145,009.00 or an increase of \$378,939.00. It seems certain that total revenues for Morehead City will continue to increase in the coming years.
- Expenditures have consistently remained below total revenues, thereby creating surplus funds for Morehead City. Currently, these surplus funds amount to over \$600,000.00. Of this amount, \$188,000.00 is in water and sewer funds, \$234,000.00 is designated to pay off General Obligation Bonds, and \$195,000.00 is town surplus funds including tax money, revenue sharing, and street assessment funds.
- Capital outlay has increased over the past five years by \$94,024.00. Capital outlay expenditures have comprised approximately 10% of the total budget over the past five years.
- The ad valorem tax rate stands at \$2.25 on a one hundred (100) percent valuation for the coming fiscal year (1973-1974).
- The Town of Morehead City will retire its General Obligation Bonds on July 1, 1973. The Town has the necessary funds invested to retire the full amount. The North Carolina Local Government Commission and the General Statutes of North Carolina limit the amount of indebtedness a municipality may incur. In most instances the amount is 8 percent of the assessed valuation of real property. With Morehead City having an assessed valuation of \$14,282,377.00 this indebtedness could be as high as \$1,142,590.00. Morehead City has no General Obligation Bonds outstanding except those to be retired this year. Therefore, Morehead City has the bonding capacity of \$1,142,590.00.

Summary

The Town of Morehead City has a sound financial structure; revenues are increasing while expenditures are kept within collected revenues, and the town's bonded indebtedness is not at its legal limit. The ad valorem tax rate is relatively high at \$2.25 per \$100, however, this rate should decrease since the rate is now on 100% valuation instead of 50% valuation. In terms of financing future capital improvements projects it would seem that the various town departments will have to depend upon collected revenues and General Obligation Bonds.

Federal funds are available and may be utilized for various projects. The North Carolina State Highway Commission will also be responsible for implementing portions of the Morehead City Thoroughfare Plan. These funds are unpredictable at best and, therefore, were not considered in the formulation of this budget. This does not mean that these funds should not be used if available but rather that projects listed in this budget are needed now, and emphasis has been placed on funding that is available or can be obtained by a bond issue. Should Federal or State aid be offered or agreed upon, then such funds should be used.

Recommendations

1. The tax rate of Morehead City is currently \$2.25 based on a rate of 50% valuation assessment. This rate should be decreased if the collection during this first year (1973-1974) of 100% valuation proves that the urgent needs can be met at a lower rate.
2. The Town of Morehead City should increase its Capital Improvements fund and increase the amount of money budgeted for capital outlay.
3. The Town should more actively seek Federal and State grants.
4. The Town of Morehead City should adopt the Capital Improvements Budget and use it as a guide, revising it yearly.

Cost Estimates

All costs listed in this budget are estimates and should be used as guidelines only. The estimates were derived from consultations with town engineers, town administrator, department heads, and engineering firms. The primary function of the estimates is to give the governing body of Morehead City and the citizens of the town some general costs in order that they might see how these will affect future budgets of Morehead City.

Priorities

The need for each project and its related priority has been determined through analyzation of the Community Facilities Plan and by consultations with various officials of the Town of Morehead City. Immediate attention must be given to the water and sewer system of Morehead. These systems must be brought up to the proper efficiency level as required by state agencies. This will undoubtedly require the expenditure of large sums of money and will increase the bonded indebtedness of the town. In order to provide Morehead City with efficient government, renovation of certain aspects of the Municipal Building also is needed but this should be given second priority.

Ad Valorem Taxes

Assessed Valuation and Tax Rate

<u>Fiscal Year</u>	<u>Total Assessed Valuation</u>	<u>Assessed Rates</u>	<u>Estimated True Value</u>	<u>Tax Rate</u>
1968	\$13,197,610.00	50%	\$26,395,220.00	\$2.24
1969	\$13,124,072.00	50%	\$26,248,144.00	\$2.75
1970	\$13,264,970.00	50%	\$26,529,940.00	\$2.75
1971	\$13,624,000.00	50%	\$27,248,000.00	\$2.50
1972	\$14,282,377.00	50%	\$28,564,754.00	\$2.25

PAGE NO.	PROJECT CLASS	ESTIMATED TOTAL COST	PRIOR AUTHORIZATIONS	BUDGET YEAR 1973-1974	1974 1975	1975 1976	1976 1977	1977 1978	1978 1979
88	Administrative	5,000		5,000.00					
90	Police Department	54,000		9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00
92	Streets and Sanitation	125,000		41,666.67	16,666.66	16,666.66	16,666.67	16,666.67	16,666.67
96	Water and Sewer Department	966,090		388,696.67	398,696.67	58,696.67	30,000.00	30,000.00	60,000.00
103	Fire Department	70,000			35,000.00		35,000.00		
105	Recreation	35,000						25,000.00	10,000.00
	Total	1,255,090		444,363.34	459,363.33	84,363.33	90,666.67	80,666.67	95,666.67
	Total Local Funds	1,255,090							

PAGE NO.	PROJECT CLASS:		ESTIMATED TOTAL COST	PRIOR AUTHORIZATIONS	BUDGET YEAR 1973-1974	FISCAL YEARS				
	Administration	PROJECT TITLE				1974-1975	1975-1976	1976-1977	1977-1978	1978-1979
89		Renovation of Courtroom	5,000		5,000					
		Total	5,000							

PROJECT CLASS: Administration		PROJECT NO. AND TITLE:		Renovation of Courtroom					
PROJECT ESTIMATE		ESTIMATED TOTAL COST	PRIOR AUTHORIZATIONS	BUDGET YEAR	fiscal years				
				1973-1974	1974-1975	1975-1976	1976-1977	1977-1978	1978-1979
PRIMARY PROJECT COST		5,000.00		5,000.00					
Secondary Projects									
TOTAL PROJECT COST		5,000.00		5,000.00					
<p>1. <u>PROJECT DESCRIPTION:</u> This project would renovate the second floor of the Municipal Building into an area that would better serve the town officials and citizens of Morehead City. (See page 8 of the CFP.)</p> <p>2. <u>PROJECT JUSTIFICATION:</u> Public meetings as well as official business of the town is conducted here and a renovation would enable all people to participate in a better environment.</p> <p>3. <u>PROGRAMMING OF PROJECT BY YEARS:</u> 1973-1974</p> <p>4. <u>LAND OR RIGHT OF WAY REQUIREMENTS:</u> None</p> <p>5. <u>RELATIONSHIP TO OTHER PRIMARY PROJECTS:</u> None</p> <p>6. <u>CAPITAL IMPROVEMENTS PROGRAM HISTORY:</u> None</p> <p>7. <u>OPERATING BUDGET EFFECT:</u> Will increase maintenance cost due to more equipment.</p> <p>8. <u>PLAN OF FINANCING:</u> General Fund</p>									

PAGE NO.	PROJECT CLASS: Public Department		ESTIMATED TOTAL COST	PRIOR AUTHORI- ZATIONS	BUDGET YEAR 1973- 1974	FISCAL YEARS			
	PROJECT TITLE					1974- 1975	1975- 1976	1976- 1977	1977- 1978
91	Police Car Addition and Replacement		54,000.00		9,000.00	9,000.00	9,000.00	9,000.00	9,000.00
	Total		54,000.00						

PROJECT CLASS: Police Department		PROJECT NO. AND TITLE:		Police car addition and replacement						
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHORIZATIONS	BUDGET YEAR 1973-1974	fiscal years				1977-1978	1978-1979	
				1974-1975	1975-1976	1976-1977	1977-1978			
PRIMARY PROJECT COST	54,000.00		9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	
Secondary Projects										
TOTAL PROJECT COST	54,000.00		9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	

1. PROJECT DESCRIPTION: This project provides for the addition of two police cars and the replacement of police cars every two years.
2. PROJECT JUSTIFICATION: The addition of cars will allow more efficient and faster reaction time to calls to the Police Department. Maintenance and repair bills should be less since fewer miles should be placed on each car. It would be cheaper to trade in the car after two years before repair bills increase and the Town would get a better trade in or resale value.
3. PROGRAMMING OF PROJECT BY YEARS:

1973-1974 - two cars purchased	1976-1977 - two cars purchased
1974-1975 - two cars purchased	1977-1978 - two cars purchased
1975-1976 - two cars purchased	1978-1979 - two cars purchased
4. LAND OR RIGHT OF WAY REQUIREMENTS: none
5. RELATIONSHIP TO OTHER PRIMARY PROJECTS: This will, if adopted, mean that the town will buy two police cars per year.
6. CAPITAL IMPROVEMENTS PROGRAM HISTORY: None
7. OPERATING BUDGET EFFECT: Increase cost for gas, oil, tires, etc.
8. PLAN OF FINANCING: General Fund

PAGE NO.	PROJECT CLASS: Streets & Sanitation	ESTIMATED TOTAL COST	PRIOR AUTHORI- ZATIONS	BUDGET YEAR 1973- 1974	FISCAL YEARS					
	PROJECT TITLE				1974- 1975	1975- 1976	1976- 1977	1977- 1978	1978- 1979	
93	Purchase of new packer	25,000.00		25,000.00						
94	Surfacing Streets	100,000.00		16,666.67	16,666.66	16,666.66	16,666.67	16,666.67	16,666.67	16,666.67
	Total	125,000.00								

PROJECT CLASS: Streets and Sanitation		PROJECT NO. AND TITLE: Purchase new packer for garbage collection							
PROJECT ESTIMATE		ESTIMATED TOTAL COST	PRIOR AUTHORIZATIONS	BUDGET YEAR 1973-1974	fiscal years				
					1974-1975	1975-1976	1976-1977	1977-1978	1978-1979
PRIMARY PROJECT COST		25,000.00		25,000.00					
Secondary Projects									
TOTAL PROJECT COST		25,000.00		25,000.00					

1. PROJECT DESCRIPTION: This project would purchase a new garbage packer to help provide more efficient service to the Town of Morehead City. (See page 56 of CFP.)
2. PROJECT JUSTIFICATION: The standards outlined in the CFP states that a packer is needed for each 2,000 population. Morehead City operates two packers with a population of 5,233.
3. PROGRAMMING OF PROJECT BY YEARS: 1973-1974 - new packer
4. LAND OR RIGHT OF WAY REQUIREMENTS: None
5. RELATIONSHIP TO OTHER PRIMARY PROJECTS: None
6. CAPITAL IMPROVEMENTS PROGRAM HISTORY: None
7. OPERATING BUDGET EFFECT: Will have normal maintenance cost plus the addition of a three man crew to operate packer.
8. PLAN OF FINANCING: General Fund and Capital Improvements Fund

PROJECT Streets and CLASS: Sanitation		PROJECT NO. AND TITLE: Surfacing Streets, Sidewalks, and Street Maintenance		fiscal years					
PROJECT ESTIMATE		ESTIMATED TOTAL COST	PRIOR AUTHORI-ZATIONS	BUDGET YEAR 1973-1974	1974-1975	1975-1976	1976-1977	1977-1978	1978-1979
PRIMARY PROJECT COST		100,000.00		16,666.67	16,666.66	16,666.66	16,666.67	16,666.67	16,666.67
Secondary Projects									
TOTAL PROJECT COST		100,000.00							
<p>1. <u>PROJECT DESCRIPTION:</u> This project will surface the remaining unsurfaced streets in Morehead City.</p> <p>2. <u>PROJECT JUSTIFICATION:</u> Several areas of Morehead City do not now have surfaced streets. Areas of town are also poorly drained caused in part by lack of proper water runoff. The appearance, health, and safety of the town would be aided by this project.</p> <p>3. <u>PROGRAMMING OF PROJECT BY YEARS:</u> 1973-1974 17th Street from Fisher Street North Bay Street from 17th Street to 18th Street 9th Street from Fisher Street to Bay Street 6th Street from Fisher Street to Calico Creek</p> <p>1974-1975 15th Street from Bridges to 1 block past Bay Street Bay Street from 10th Street to 7th Street Banks Street</p> <p>1975-1976 Harrell Drive 3rd Street 10th Street from Shepard Street to Bogue Sound 11th Street from Shepard Street to Bogue Sound 13th Street from Shackelford Street to Bogue Sound 14th Street from Shackelford Street to Bogue Sound 15th Street from Shackelford Street to Bogue Sound</p>									

3. (Continued) 1975-1976 16th Street from Shackelford Street to Bogue Sound
19th Street from Shepard Street to Bogue Sound
20th Street from Shepard Street to Bogue Sound
23rd Street from Evans Street to Bogue Sound

1976-1979 Proceeds should be used to add sidewalks, catch basins, drainage tiles and resurface areas where needs exist.

4. LAND OR RIGHT OF WAY REQUIREMENTS: None

5. RELATIONSHIP TO OTHER PRIMARY PROJECTS: Some of these streets are located in area now served by undersized water lines. These water lines are scheduled to be replaced during the years between 1974-1979. The water line placement and street paving should be coordinated.

6. CAPITAL IMPROVEMENTS PROGRAM HISTORY: None

7. OPERATING BUDGET EFFECT: Maintenance cost of the street.

8. PLAN OF FINANCING: Powell Bill Funds - Morehead City receives in excess of \$60,000.00 a year - this sum would allow for street repair, maintenance, and surfacing the streets in this project.

PAGE NO.	PROJECT CLASS: Water & Sewer Department	ESTIMATED TOTAL COST	PRIOR AUTHORIZATIONS	BUDGET YEAR 1973-1974	FISCAL YEARS				
					1974-1975	1975-1976	1976-1977	1977-1978	1978-1979
100	500,000 gallon elevated tank	130,000.00		65,000.00	65,000.00				
101	12 inch line	146,090.00		48,696.67	48,696.67	48,696.67			
99	Replacement of 4 inch lines	10,000.00			10,000.00				
98	Sewer plant	550,000.00		275,000.00	275,000.00				
102	Infiltration study and line replacement	100,000.00				10,000.00	30,000.00	30,000.00	30,000.00
97	New well								30,000.00
	Total	966,090.00							

PROJECT CLASS: Water and Sewer		PROJECT NO. AND TITLE: New well		BUDGET YEAR 1973-1974	fiscal years				
PROJECT ESTIMATE		ESTIMATED TOTAL COST	PRIOR AUTHORIZATIONS		1974-1975	1975-1976	1976-1977	1977-1978	1978-1979
PRIMARY PROJECT COST		30,000.00							30,000.00
Secondary Projects									
TOTAL PROJECT COST		30,000.00							30,000.00

1. PROJECT DESCRIPTION: This project would provide a new deep well to increase the water supply.

2. PROJECT JUSTIFICATION: As the population of Morehead City increases, more water will be needed (see page 37 of CFP). In order to provide for these people, a new well will be necessary.

3. PROGRAMMING OF PROJECT BY YEARS: 1978-1979 - new well

4. LAND OR RIGHT OF WAY REQUIREMENTS: Providing a site cannot be chosen that is already owned by the Town then a site will have to be purchased by the Town. This should require approximately $\frac{1}{2}$ acre of land.

5. RELATIONSHIP TO OTHER PRIMARY PROJECTS: This project will continue to help correct the problems Morehead City has with its water distribution system.

6. CAPITAL IMPROVEMENTS PROGRAM HISTORY: None

7. OPERATING BUDGET EFFECT: Normal maintenance costs

8. PLAN OF FINANCING: General Fund, Revenue Sharing, Capital Improvements Fund

PROJECT CLASS: Water and Sewer		PROJECT NO. AND TITLE:		Sewer Plant Expansion						
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHORIZATIONS	BUDGET YEAR 1973-1974	fiscal years					1978-1979	
				1974-1975	1975-1976	1976-1977	1977-1978	1978-1979		
PRIMARY PROJECT COST	550,000.00		275,000.00	275,000.00						
Secondary Projects										
TOTAL PROJECT COST	550,000.00		275,000.00	275,000.00						

1. PROJECT DESCRIPTION: This project would increase the treatment capacity and efficiency of the Morehead City sewage treatment plant.
2. PROJECT IDENTIFICATION: The sewage treatment facility of Morehead City has recently not been operating in a manner acceptable to town officials or the North Carolina Office of Water and Air Resources. (See pages 40 & 43 of CFP.)
3. PROGRAMMING OF PROJECT BY YEARS: 1973-1974 - work should begin to increase the size of the Morehead facility and to make the plant more efficient - how long this will take will depend upon engineering factors.
4. LAND OR RIGHT OF WAY REQUIREMENTS: None - land is already available for expansion on the existing site.
5. RELATIONSHIP TO OTHER PRIMARY PROJECTS: None
6. CAPITAL IMPROVEMENTS PROGRAM HISTORY: None
7. OPERATING BUDGET EFFECT: Larger maintenance costs due to larger facilities.
8. PLAN OF FINANCING: General obligation bonds plus any Federal or State funds that might be available.

PROJECT CLASS: Water and Sewer		PROJECT NO. AND TITLE:		Replacement of 4 inch lines						
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHORI-ZATIONS	BUDGET YEAR 1973-1974	fiscal years						
				1974-1975	1975-1976	1976-1977	1977-1978	1978-1979		
PRIMARY PROJECT COST	10,000.00			10,000.00						
Secondary Projects										
TOTAL PROJECT COST	10,000.00			10,000.00						

1. PROJECT DESCRIPTION: This project would replace all 4 inch lines in Morehead City with new six inch lines.
2. PROJECT JUSTIFICATION: In order to maintain proper water pressure for fire protection and in order to provide the citizens with proper water pressure, the North Carolina Fire Rating Bureau recommends no water lines under six inches.
3. PROGRAMMING OF PROJECTS BY YEARS: Project to begin 1974 and be completed by end of 1979.
4. LAND OR RIGHT OF WAY REQUIREMENTS: None
5. RELATIONSHIP TO OTHER PRIMARY PROJECTS: This project is an extension of the new elevated tank and 12 inch lines that will provide better water service to Morehead City.
6. CAPITAL IMPROVEMENTS PROGRAM HISTORY: None
7. OPERATING BUDGET EFFECT: Normal maintenance cost
8. PLAN OF FINANCING: Revenue Sharing and General Fund, Capital Improvements Fund.

PROJECT CLASS: Water and Sewer		PROJECT NO. AND TITLE:		Construction of 500,000 gallon elevated tank						
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHORIZATIONS	BUDGET YEAR 1973-1974	fiscal years					1978-1979	
				1974-1975	1975-1976	1976-1977	1977-1978	1978-1979		
PRIMARY PROJECT COST	130,000.00		65,000.00	65,000.00						
Secondary Projects										
TOTAL PROJECT COSTS	130,000.00		65,000.00	65,000.00						
<p>1. <u>PROJECT DESCRIPTION:</u> This project would increase the water pressure and storage facilities of Morehead City.</p> <p>2. <u>PROJECT JUSTIFICATION:</u> Morehead City faces a critical problem at present with the lack of adequate water storage and water pressure, especially in the western section. (See pages 35-36 of CFP.)</p> <p>3. <u>PROGRAMMING PROJECTS BY YEARS:</u> 1973-1974 - \$65,000.00 work on this should begin immediately 1974-1975 - \$65,000.00</p> <p>4. <u>LAND OR RIGHT OF WAY REQUIREMENTS:</u> None - town already owns site.</p> <p>5. <u>RELATIONSHIP TO OTHER PRIMARY PROJECTS:</u> This project would require that a 12 inch line be laid in order to provide the necessary pressure and volume of water.</p> <p>6. <u>CAPITAL IMPROVEMENTS PROGRAM HISTORY:</u> None</p> <p>7. <u>OPERATING BUDGET EFFECT:</u> Increased maintenance cost.</p> <p>8. <u>PLAN OF FINANCING:</u> General Obligation Bonds, General Fund, and Revenue Sharing Funds as well as any State and Federal program that might be available.</p>										

PROJECT CLASS: Water and Sewer		PROJECT NO. AND TITLE: 12 inch lines							
PROJECT ESTIMATE		ESTIMATED TOTAL COST	PRIOR AUTHORI- ZATIONS	BUDGET YEAR 1973-1974	fiscal, years				
					1974-1975	1975-1976	1976-1977	1977-1978	1978-1979
PRIMARY PROJECT COST		146,090.00		48,696.67	48,696.67	48,696.67			
Secondary Projects									
TOTAL PROJECT COST		146,090.00		48,696.67	48,696.67	48,696.67			

1. PROJECT DESCRIPTION: This project would provide a 12 inch water line through the center of Morehead City.
2. PROJECT JUSTIFICATION: Morehead City does not have adequate water pressure in all areas of town. This new 12 inch line running through the center of Morehead City and connected to the new elevated tank will provide better water pressure.
3. PROGRAMMING OF PROJECTS BY YEARS: 1973-1976 This project should begin immediately and be coordinated with the construction of the 500,000 gallon elevated tank.
4. LAND OR RIGHT OF WAY REQUIREMENTS: None
5. RELATIONSHIP TO OTHER PRIMARY PROJECTS: This project would be coordinated with the construction of a new elevated 500,000 gallon tank.
6. CAPITAL IMPROVEMENTS PROGRAM HISTORY: None
7. OPERATING BUDGET EFFECT: Normal maintenance costs.
8. PLAN OF FINANCING: General Obligation Bonds, Revenue Sharing, General Fund, and any State or Federal programs that might be available.

PROJECT CLASS: Water and Sewer		PROJECT NO. AND TITLE: Infiltration Survey and line replacement						
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHORIZATIONS	BUDGET YEAR 1973-1974	fiscal years				
				1974-1975	1975-1976	1976-1977	1977-1978	1978-1979
PRIMARY PROJECT COST	100,000.00				10,000.00	30,000.00	30,000.00	30,000.00
Secondary Projects								
TOTAL PROJECT COST	100,000.00				10,000.00	30,000.00	30,000.00	30,000.00
<p>1. <u>PROJECT DESCRIPTION:</u> This project would conduct a survey of all sewer lines to determine where infiltration occurs and then replace all broken lines.</p> <p>2. <u>PROJECT JUSTIFICATION:</u> One of the primary problems now encountered by the Morehead City sewer plant is infiltration - this problem will not be solved until the source is located and corrected.</p> <p>3. <u>PROGRAMMING OF PROJECTS BY YEARS:</u> 1975-1976 - study and inspection of lines. 1976-1979 - replacement of lines.</p> <p>4. <u>LAND OR RIGHT OF WAY REQUIREMENTS:</u> None</p> <p>5. <u>RELATIONSHIP TO OTHER PRIMARY PROJECTS:</u> This project would be related to the extension of the sewer plant extension in providing better service to the citizens of Morehead City.</p> <p>6. <u>CAPITAL IMPROVEMENTS PROGRAM HISTORY:</u> None</p> <p>7. <u>OPERATING BUDGET EFFECT:</u> Would reduce cost and improve efficiency.</p> <p>8. <u>PLAN OF FINANCING:</u> Revenue Sharing, General Fund.</p>								

PAGE NO.	PROJECT CLASS: Fire Department		ESTIMATED TOTAL COST	PRIOR AUTHORI- ZATIONS	BUDGET YEAR 1973- 1974	FISCAL YEARS				
	PROJECT TITLE	1974- 1975				1975- 1976	1976- 1977	1977- 1978	1978- 1979	
104	Purchase of two new pumpers		70,000.00			35,000.00		35,000.00		

PROJECT CLASS: Fire Department		PROJECT NO. AND TITLE: Purchase of two pumpers						
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHORIZATIONS	BUDGET YEAR 1973-1974	fiscal years				
				1974-1975	1975-1976	1976-1977	1977-1978	1978-1979
PRIMARY PROJECT COST	70,000.00			35,000.00			35,000.00	
Secondary Projects								
TOTAL PROJECT COST	70,000.00			35,000.00			35,000.00	
<p>1. <u>PROJECT DESCRIPTION:</u> This project would replace old fire equipment and help provide more efficient fire protection to the citizens of Morehead City.</p> <p>2. <u>PROJECT JUSTIFICATION:</u> Morehead City now has fire equipment that will soon be twenty years old and needs replacement with newer equipment that has advanced technically. (See pages 21-22 of CFP.)</p> <p>3. <u>PROGRAMMING OF PROJECT BY YEARS:</u> 1974-1975 - purchase 1,000 gpm pumper. 1976-1977 - purchase 1,000 gpm pumper.</p> <p>4. <u>LAND OR RIGHT OF WAY REQUIREMENTS:</u> None</p> <p>5. <u>RELATIONSHIP TO OTHER PRIMARY PROJECTS:</u> None</p> <p>6. <u>CAPITAL IMPROVEMENTS PROGRAM HISTORY:</u> None</p> <p>7. <u>OPERATING BUDGET EFFECT:</u> Normal maintenance cost.</p> <p>8. <u>PLAN OF FINANCING:</u> Revenue Sharing and General Fund.</p>								

PAGE NO.	PROJECT CLASS:	ESTIMATED TOTAL COST	PRIOR AUTHORI-ZATIONS	BUDGET YEAR 1973-1974	FISCAL YEARS				
	Recreation				1974-1975	1975-1976	1976-1977	1977-1978	1978-1979
106	Land and equipment acquisition	35,000.00						25,000.00	10,000.00

PROJECT CLASS: Recreation		PROJECT NO. AND TITLE:		Land and equipment acquisition						
PROJECT ESTIMATE		ESTIMATED TOTAL COST	PRIOR AUTHORI-ZATIONS	BUDGET YEAR 1973-1974	fiscal years					
PRIMARY PROJECT COST		35,000.00			1974-1975	1975-1976	1976-1977	1977-1978	1978-1979	
Secondary Projects										
TOTAL PROJECT COSTS		35,000.00						25,000.00	10,000.00	
1. <u>PROJECT DESCRIPTION:</u> This project will provide funds for the purchase of recreational equipment and land for park expansion.										
2. <u>PROJECT JUSTIFICATION:</u> The Recreation Program in Morehead City is at a stage where more funds are necessary if a viable program is to continue. Existing parks and programs must be developed and more land is needed.										
3. <u>PROGRAMMING OF PROJECT BY YEARS:</u> 1977-1979 - Equipment and land should be purchased - Morehead City should begin now to decide what land is available.										
4. <u>LAND OR RIGHT OF WAY REQUIREMENTS:</u> (See page 67 of CFP.) Care should be given to choosing land sites in areas not now served by parks.										
5. <u>RELATIONSHIP TO OTHER PRIMARY PROJECTS:</u> None										
6. <u>CAPITAL IMPROVEMENTS PROGRAM HISTORY:</u> None										
7. <u>OPERATING BUDGET EFFECT:</u> Increased maintenance cost.										
8. <u>PLAN OF FINANCING:</u> Recreation tax and Revenue Sharing, Capital Improvements Fund.										

APPENDIX



APPENDIX A - ENVIRONMENTAL IMPACT STATEMENT

AS REQUIRED BY THE NATIONAL ENVIRONMENTAL POLICY ACT OF 1969, THE FOLLOWING IS AN ENVIRONMENTAL ASSESSMENT OF THE COMMUNITY FACILITIES PLAN AND CAPITAL IMPROVEMENTS BUDGET, MOREHEAD CITY, NORTH CAROLINA, 1973.

- 1) A summary or abstract of the proposed plans or policies: This plan represents a listing and analysis of existing facilities in Morehead City and projects over the next twenty years those items and facilities that will need replacing or additions that will need to be made in order to provide the necessary services for a town the size of Morehead City. The Capital Improvements Budget outlines short range objectives and what funds are present to provide the same.
- 2) The environmental impact (beneficial as well as adverse) of the proposed plans or policies, if they are carried out: If this plan is used as an outline to govern the growth and development of Morehead City in the coming years then there will be no adverse environmental impact. This plan if followed will prove to be beneficial to the overall environment of the town.
- 3) Any adverse effects which cannot be avoided should the proposed plans or policies be implemented: This study is merely a guide by which the citizens of Morehead City can see what facilities the town now has and what it will need in the planning period. Thus, there would be no adverse environmental effects.
- 4) Alternatives to the proposed plans or policies and an analysis of those alternatives: The alternatives are a) accept this plan as a guide to the future of Morehead City and b) continue to proceed with no orderly plan. If "a" is accepted then a guide will be present to show the way to the town officials and citizens, if "b" is followed, then the town will drift along with no stated plan of action.
- 5) The relationship, under the proposed plans or policies between local short-term uses of man's environment and the maintenance and enhancement of long-term productivity: The proposed plan has included both short range goals and objectives and long range objectives. In the analysis of the services and facilities of the town, recommendations are made for the entire planning period of twenty years. The Capital Improvements Budget covers the next six year period and calls for major expenditures for short range goals, but goals that will have a long lasting impact. By following the recommendations of the proposed plan, the long term productivity will be enhanced.
- 6) Any irreversible and irretrievable commitments of resources which would be involved if the proposed plans or policies are implemented: This plan is a guide, therefore, no irreversible or irretrievable commitments would be made, however, it is hoped that the town officials will use this plan as a reference source to help in deciding how their resources should be committed and to what they should be committed.

- 7) A statement setting forth applicable Federal, State, and local environmental controls: The Town of Morehead City enforces the North Carolina Building Code, Subdivision Regulations, zoning, and is in the process of extending these controls over its one mile of extraterritorial area. All these codes are authorized and subject to the North Carolina General Statutes.

